# M8 Non-Flush Inductive Proximity Sensors 2–8 mm



M8 non-flush inductive proximity sensors. Rated sensing distances 2 / 4 / 6 / 8 mm; NPN, PNP, DC 2-wire outputs; 2 m cable, M8 connector, M12 connector, M8 pigtail. 579 part numbers, each a fixed SEGMENsensor order code.

Sensing distance **2–8 mm** Outputs **NPN • PNP • DC 2-wire**

Connection **2 m cable • M8 connector • M12 connector**

Part numbers **579**

## Key facts

- Rated sensing distances: 2 / 4 / 6 / 8 mm.
- Supply: 10–30 V DC, 5–36 V DC, 10–55 V DC, 10–60 V DC.
- Outputs: NPN, PNP, DC 2-wire. 144 NPN/PNP models have complementary NO + NC outputs.
- Connections: 2 m cable (178), M8 connector (192), M12 connector (188), M8 pigtail (21). Housing: Nickel-plated brass (142), Stainless steel (437). 351 models are short or extra-short housing versions.
- Qualification samples of 1–5 pcs ship in 5–7 days; production is planned around your annual volume.

## Family data

| | |
|---|---|
| Housing | M8 thread, Nickel-plated brass (142), Stainless steel (437) |
| Mounting | Non-flush (non-embeddable) |
| Rated sensing distance | 2 / 4 / 6 / 8 mm |
| Outputs | NPN, PNP, DC 2-wire |
| Supply | 10–30 V DC, 5–36 V DC, 10–55 V DC, 10–60 V DC |
| Connection | 2 m cable, M8 connector, M12 connector, M8 pigtail |
| Housing length | Standard, Short (K), Extra-short (KK) |
| Other electrical data | Per part-number datasheet, sent with the quotation |

## Reading the part number

### SGI-GP08U-060PA-C2-K-V36

**SGI** SEGMENsensor inductive

**GP** General-purpose series

**08 · U** M8 non-flush (S = flush)

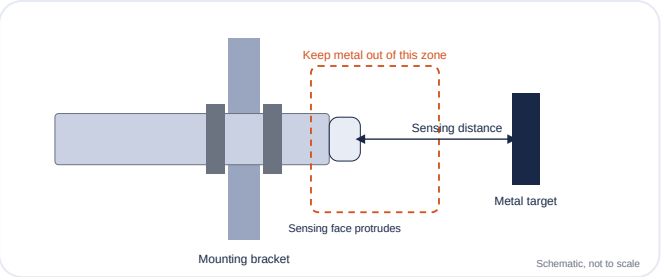
**060** Sensing distance in 0.1 mm: 6 mm

**P · A** PNP • NO (N = NPN, P = PNP, D = DC 2-wire, J = AC 2-wire, U = AC/DC; A = NO, B = NC, C = NO + NC)

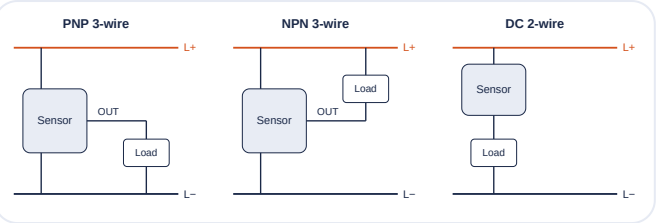
**C2** C2 = 2 m cable, Q3 = M8 connector, Q4 = M12 connector, P3 = M8 pigtail

**K · V36** K = short housing; KK = extra-short housing; V36 = 5–36 V DC; V55 = 10–55 V DC; no voltage code = 10–30 V DC for NPN/PNP

## Mounting




## Wiring




## All part numbers

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-020NA-C2-K** | 2 mm | NPN NO | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-020NA-C2** | 2 mm | NPN NO | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020NA-Q3-K** | 2 mm | NPN NO | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020NA-Q3-KK** | 2 mm | NPN NO | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020NA-Q3** | 2 mm | NPN NO | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020NA-Q4-K** | 2 mm | NPN NO | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020NA-Q4-KK** | 2 mm | NPN NO | 10–30 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020NA-Q4** | 2 mm | NPN NO | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-020NA-P3-K** | 2 mm | NPN NO | 10–30 V DC | M8 pigtail | Stainless steel | Short (K) |
| **SGI-GP08U-020NA-P3** | 2 mm | NPN NO | 10–30 V DC | M8 pigtail | Stainless steel | Standard |
| **SGI-GP08U-020NA-C2-K-V36** | 2 mm | NPN NO | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-020NA-C2-V36** | 2 mm | NPN NO | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020NA-Q3-K-V36** | 2 mm | NPN NO | 5–36 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020NA-Q3-KK-V36** | 2 mm | NPN NO | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020NA-Q3-V36** | 2 mm | NPN NO | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020NA-Q4-K-V36** | 2 mm | NPN NO | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020NA-Q4-KK-V36** | 2 mm | NPN NO | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020NA-Q4-V36** | 2 mm | NPN NO | 5–36 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-020NA-P3-V36** | 2 mm | NPN NO | 5–36 V DC | M8 pigtail | Stainless steel | Standard |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-020NA-C2-K-V55** | 2 mm | NPN NO | 10–55 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-020NA-C2-V55** | 2 mm | NPN NO | 10–55 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020NA-Q3-K-V55** | 2 mm | NPN NO | 10–55 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020NA-Q3-V55** | 2 mm | NPN NO | 10–55 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020NA-Q4-K-V55** | 2 mm | NPN NO | 10–55 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020NA-Q4-V55** | 2 mm | NPN NO | 10–55 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-020NA-P3-V55** | 2 mm | NPN NO | 10–55 V DC | M8 pigtail | Stainless steel | Standard |
| **SGI-GP08U-020NB-C2-K** | 2 mm | NPN NC | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-020NB-C2** | 2 mm | NPN NC | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020NB-Q3-K** | 2 mm | NPN NC | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020NB-Q3-KK** | 2 mm | NPN NC | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020NB-Q3** | 2 mm | NPN NC | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020NB-Q4-K** | 2 mm | NPN NC | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020NB-Q4-KK** | 2 mm | NPN NC | 10–30 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020NB-Q4** | 2 mm | NPN NC | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-020NB-P3-K** | 2 mm | NPN NC | 10–30 V DC | M8 pigtail | Stainless steel | Short (K) |
| **SGI-GP08U-020NB-P3** | 2 mm | NPN NC | 10–30 V DC | M8 pigtail | Stainless steel | Standard |
| **SGI-GP08U-020NB-C2-K-V36** | 2 mm | NPN NC | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-020NB-C2-V36** | 2 mm | NPN NC | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020NB-Q3-K-V36** | 2 mm | NPN NC | 5–36 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020NB-Q3-KK-V36** | 2 mm | NPN NC | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020NB-Q3-V36** | 2 mm | NPN NC | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020NB-Q4-K-V36** | 2 mm | NPN NC | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020NB-Q4-KK-V36** | 2 mm | NPN NC | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020NB-Q4-V36** | 2 mm | NPN NC | 5–36 V DC | M12 connector | Stainless steel | Standard |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-020NB-P3-V36** | 2 mm | NPN NC | 5–36 V DC | M8 pigtail | Stainless steel | Standard |
| **SGI-GP08U-020NB-C2-K-V55** | 2 mm | NPN NC | 10–55 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-020NB-C2-V55** | 2 mm | NPN NC | 10–55 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020NB-Q3-K-V55** | 2 mm | NPN NC | 10–55 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020NB-Q3-V55** | 2 mm | NPN NC | 10–55 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020NB-Q4-K-V55** | 2 mm | NPN NC | 10–55 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020NB-Q4-V55** | 2 mm | NPN NC | 10–55 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-020NB-P3-V55** | 2 mm | NPN NC | 10–55 V DC | M8 pigtail | Stainless steel | Standard |
| **SGI-GP08U-020NC-C2-K** | 2 mm | NPN NO + NC | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-020NC-C2** | 2 mm | NPN NO + NC | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020NC-Q3-K** | 2 mm | NPN NO + NC | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020NC-Q3-KK** | 2 mm | NPN NO + NC | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020NC-Q3** | 2 mm | NPN NO + NC | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020NC-Q4-K** | 2 mm | NPN NO + NC | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020NC-Q4-KK** | 2 mm | NPN NO + NC | 10–30 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020NC-Q4** | 2 mm | NPN NO + NC | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-020NC-P3-K** | 2 mm | NPN NO + NC | 10–30 V DC | M8 pigtail | Stainless steel | Short (K) |
| **SGI-GP08U-020NC-P3** | 2 mm | NPN NO + NC | 10–30 V DC | M8 pigtail | Stainless steel | Standard |
| **SGI-GP08U-020NC-C2-K-V36** | 2 mm | NPN NO + NC | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-020NC-C2-V36** | 2 mm | NPN NO + NC | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020NC-Q3-K-V36** | 2 mm | NPN NO + NC | 5–36 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020NC-Q3-KK-V36** | 2 mm | NPN NO + NC | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020NC-Q3-V36** | 2 mm | NPN NO + NC | 5–36 V DC | M8 connector | Stainless steel | Standard |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-020NC-Q4-K-V36** | 2 mm | NPN NO + NC | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020NC-Q4-KK-V36** | 2 mm | NPN NO + NC | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020NC-Q4-V36** | 2 mm | NPN NO + NC | 5–36 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-020NC-P3-V36** | 2 mm | NPN NO + NC | 5–36 V DC | M8 pigtail | Stainless steel | Standard |
| **SGI-GP08U-020PA-C2-K** | 2 mm | PNP NO | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-020PA-C2** | 2 mm | PNP NO | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020PA-Q3-K** | 2 mm | PNP NO | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020PA-Q3-KK** | 2 mm | PNP NO | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020PA-Q3** | 2 mm | PNP NO | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020PA-Q4-K** | 2 mm | PNP NO | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020PA-Q4-KK** | 2 mm | PNP NO | 10–30 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020PA-Q4** | 2 mm | PNP NO | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-020PA-P3-K** | 2 mm | PNP NO | 10–30 V DC | M8 pigtail | Stainless steel | Short (K) |
| **SGI-GP08U-020PA-C2-K-V36** | 2 mm | PNP NO | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-020PA-C2-V36** | 2 mm | PNP NO | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020PA-Q3-K-V36** | 2 mm | PNP NO | 5–36 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020PA-Q3-KK-V36** | 2 mm | PNP NO | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020PA-Q3-V36** | 2 mm | PNP NO | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020PA-Q4-K-V36** | 2 mm | PNP NO | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020PA-Q4-KK-V36** | 2 mm | PNP NO | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020PA-Q4-V36** | 2 mm | PNP NO | 5–36 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-020PA-P3-V36** | 2 mm | PNP NO | 5–36 V DC | M8 pigtail | Stainless steel | Standard |
| **SGI-GP08U-020PA-C2-K-V55** | 2 mm | PNP NO | 10–55 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-020PA-C2-V55** | 2 mm | PNP NO | 10–55 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020PA-Q3-K-V55** | 2 mm | PNP NO | 10–55 V DC | M8 connector | Stainless steel | Short (K) |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-020PA-Q3-V55** | 2 mm | PNP NO | 10–55 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020PA-Q4-K-V55** | 2 mm | PNP NO | 10–55 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020PA-Q4-V55** | 2 mm | PNP NO | 10–55 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-020PA-P3-V55** | 2 mm | PNP NO | 10–55 V DC | M8 pigtail | Stainless steel | Standard |
| **SGI-GP08U-020PB-C2-K** | 2 mm | PNP NC | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-020PB-C2** | 2 mm | PNP NC | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020PB-Q3-K** | 2 mm | PNP NC | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020PB-Q3-KK** | 2 mm | PNP NC | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020PB-Q3** | 2 mm | PNP NC | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020PB-Q4-K** | 2 mm | PNP NC | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020PB-Q4-KK** | 2 mm | PNP NC | 10–30 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020PB-Q4** | 2 mm | PNP NC | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-020PB-P3-K** | 2 mm | PNP NC | 10–30 V DC | M8 pigtail | Stainless steel | Short (K) |
| **SGI-GP08U-020PB-P3** | 2 mm | PNP NC | 10–30 V DC | M8 pigtail | Stainless steel | Standard |
| **SGI-GP08U-020PB-C2-K-V36** | 2 mm | PNP NC | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-020PB-C2-V36** | 2 mm | PNP NC | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020PB-Q3-K-V36** | 2 mm | PNP NC | 5–36 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020PB-Q3-KK-V36** | 2 mm | PNP NC | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020PB-Q3-V36** | 2 mm | PNP NC | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020PB-Q4-K-V36** | 2 mm | PNP NC | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020PB-Q4-KK-V36** | 2 mm | PNP NC | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020PB-P3-V36** | 2 mm | PNP NC | 5–36 V DC | M8 pigtail | Stainless steel | Standard |
| **SGI-GP08U-020PB-C2-K-V55** | 2 mm | PNP NC | 10–55 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-020PB-C2-V55** | 2 mm | PNP NC | 10–55 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020PB-Q3-K-V55** | 2 mm | PNP NC | 10–55 V DC | M8 connector | Stainless steel | Short (K) |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-020PB-Q3-V55** | 2 mm | PNP NC | 10–55 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020PB-Q4-K-V55** | 2 mm | PNP NC | 10–55 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020PB-Q4-V55** | 2 mm | PNP NC | 10–55 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-020PB-P3-V55** | 2 mm | PNP NC | 10–55 V DC | M8 pigtail | Stainless steel | Standard |
| **SGI-GP08U-020PC-C2-K** | 2 mm | PNP NO + NC | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-020PC-C2** | 2 mm | PNP NO + NC | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020PC-Q3-K** | 2 mm | PNP NO + NC | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020PC-Q3-KK** | 2 mm | PNP NO + NC | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020PC-Q3** | 2 mm | PNP NO + NC | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020PC-Q4-K** | 2 mm | PNP NO + NC | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020PC-Q4-KK** | 2 mm | PNP NO + NC | 10–30 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020PC-Q4** | 2 mm | PNP NO + NC | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-020PC-P3-K** | 2 mm | PNP NO + NC | 10–30 V DC | M8 pigtail | Stainless steel | Short (K) |
| **SGI-GP08U-020PC-P3** | 2 mm | PNP NO + NC | 10–30 V DC | M8 pigtail | Stainless steel | Standard |
| **SGI-GP08U-020PC-C2-V36** | 2 mm | PNP NO + NC | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020PC-Q3-K-V36** | 2 mm | PNP NO + NC | 5–36 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020PC-Q3-KK-V36** | 2 mm | PNP NO + NC | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020PC-Q3-V36** | 2 mm | PNP NO + NC | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020PC-Q4-K-V36** | 2 mm | PNP NO + NC | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020PC-Q4-KK-V36** | 2 mm | PNP NO + NC | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-020PC-Q4-V36** | 2 mm | PNP NO + NC | 5–36 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-020PC-P3-V36** | 2 mm | PNP NO + NC | 5–36 V DC | M8 pigtail | Stainless steel | Standard |
| **SGI-GP08U-020DA-C2-K** | 2 mm | DC 2-wire NO | 10–60 V DC | 2 m cable | Stainless steel | Short (K) |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-020DA-C2** | 2 mm | DC 2-wire NO | 10–60 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020DA-Q3-K** | 2 mm | DC 2-wire NO | 10–60 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020DA-Q3** | 2 mm | DC 2-wire NO | 10–60 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020DA-Q4-K** | 2 mm | DC 2-wire NO | 10–60 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020DA-Q4** | 2 mm | DC 2-wire NO | 10–60 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-020DB-C2-K** | 2 mm | DC 2-wire NC | 10–60 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-020DB-C2** | 2 mm | DC 2-wire NC | 10–60 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-020DB-Q3-K** | 2 mm | DC 2-wire NC | 10–60 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020DB-Q3** | 2 mm | DC 2-wire NC | 10–60 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-020DB-Q4-K** | 2 mm | DC 2-wire NC | 10–60 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-020DB-Q4** | 2 mm | DC 2-wire NC | 10–60 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040NA-C2-K** | 4 mm | NPN NO | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040NA-C2-KK** | 4 mm | NPN NO | 10–30 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NA-C2** | 4 mm | NPN NO | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040NA-Q3-K** | 4 mm | NPN NO | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040NA-Q3-KK** | 4 mm | NPN NO | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NA-Q3** | 4 mm | NPN NO | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040NA-Q4-K** | 4 mm | NPN NO | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040NA-Q4-KK** | 4 mm | NPN NO | 10–30 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NA-Q4** | 4 mm | NPN NO | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040NA-C2-K-V36** | 4 mm | NPN NO | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040NA-C2-KK-V36** | 4 mm | NPN NO | 5–36 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NA-C2-V36** | 4 mm | NPN NO | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040NA-Q3-K-V36** | 4 mm | NPN NO | 5–36 V DC | M8 connector | Stainless steel | Short (K) |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-040NA-Q3-KK-V36** | 4 mm | NPN NO | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NA-Q3-V36** | 4 mm | NPN NO | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040NA-Q4-K-V36** | 4 mm | NPN NO | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040NA-Q4-KK-V36** | 4 mm | NPN NO | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NA-Q4-V36** | 4 mm | NPN NO | 5–36 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040NA-C2-K-V55** | 4 mm | NPN NO | 10–55 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040NA-C2-V55** | 4 mm | NPN NO | 10–55 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040NA-Q3-K-V55** | 4 mm | NPN NO | 10–55 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040NA-Q3-V55** | 4 mm | NPN NO | 10–55 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040NA-Q4-K-V55** | 4 mm | NPN NO | 10–55 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040NA-Q4-V55** | 4 mm | NPN NO | 10–55 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040NB-C2-K** | 4 mm | NPN NC | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040NB-C2-KK** | 4 mm | NPN NC | 10–30 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NB-C2** | 4 mm | NPN NC | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040NB-Q3-K** | 4 mm | NPN NC | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040NB-Q3-KK** | 4 mm | NPN NC | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NB-Q3** | 4 mm | NPN NC | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040NB-Q4-K** | 4 mm | NPN NC | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040NB-Q4-KK** | 4 mm | NPN NC | 10–30 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NB-Q4** | 4 mm | NPN NC | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040NB-C2-K-V36** | 4 mm | NPN NC | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040NB-C2-KK-V36** | 4 mm | NPN NC | 5–36 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NB-C2-V36** | 4 mm | NPN NC | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040NB-Q3-K-V36** | 4 mm | NPN NC | 5–36 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040NB-Q3-KK-V36** | 4 mm | NPN NC | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-040NB-Q3-V36** | 4 mm | NPN NC | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040NB-Q4-K-V36** | 4 mm | NPN NC | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040NB-Q4-KK-V36** | 4 mm | NPN NC | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NB-Q4-V36** | 4 mm | NPN NC | 5–36 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040NB-C2-K-V55** | 4 mm | NPN NC | 10–55 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040NB-C2-V55** | 4 mm | NPN NC | 10–55 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040NB-Q3-K-V55** | 4 mm | NPN NC | 10–55 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040NB-Q3-V55** | 4 mm | NPN NC | 10–55 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040NB-Q4-K-V55** | 4 mm | NPN NC | 10–55 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040NB-Q4-V55** | 4 mm | NPN NC | 10–55 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040NC-C2-K** | 4 mm | NPN NO + NC | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040NC-C2-KK** | 4 mm | NPN NO + NC | 10–30 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NC-C2** | 4 mm | NPN NO + NC | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040NC-Q3-K** | 4 mm | NPN NO + NC | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040NC-Q3-KK** | 4 mm | NPN NO + NC | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NC-Q3** | 4 mm | NPN NO + NC | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040NC-Q4-K** | 4 mm | NPN NO + NC | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040NC-Q4-KK** | 4 mm | NPN NO + NC | 10–30 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NC-Q4** | 4 mm | NPN NO + NC | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040NC-C2-K-V36** | 4 mm | NPN NO + NC | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040NC-C2-KK-V36** | 4 mm | NPN NO + NC | 5–36 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NC-C2-V36** | 4 mm | NPN NO + NC | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040NC-Q3-K-V36** | 4 mm | NPN NO + NC | 5–36 V DC | M8 connector | Stainless steel | Short (K) |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-040NC-Q3-KK-V36** | 4 mm | NPN NO + NC | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NC-Q3-V36** | 4 mm | NPN NO + NC | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040NC-Q4-K-V36** | 4 mm | NPN NO + NC | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040NC-Q4-KK-V36** | 4 mm | NPN NO + NC | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040NC-Q4-V36** | 4 mm | NPN NO + NC | 5–36 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040PA-C2-K** | 4 mm | PNP NO | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040PA-C2-KK** | 4 mm | PNP NO | 10–30 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PA-C2** | 4 mm | PNP NO | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040PA-Q3-K** | 4 mm | PNP NO | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040PA-Q3-KK** | 4 mm | PNP NO | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PA-Q3** | 4 mm | PNP NO | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040PA-Q4-K** | 4 mm | PNP NO | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040PA-Q4-KK** | 4 mm | PNP NO | 10–30 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PA-Q4** | 4 mm | PNP NO | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040PA-C2-K-V36** | 4 mm | PNP NO | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040PA-C2-KK-V36** | 4 mm | PNP NO | 5–36 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PA-C2-V36** | 4 mm | PNP NO | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040PA-Q3-K-V36** | 4 mm | PNP NO | 5–36 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040PA-Q3-KK-V36** | 4 mm | PNP NO | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PA-Q3-V36** | 4 mm | PNP NO | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040PA-Q4-K-V36** | 4 mm | PNP NO | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040PA-Q4-KK-V36** | 4 mm | PNP NO | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PA-Q4-V36** | 4 mm | PNP NO | 5–36 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040PA-C2-K-V55** | 4 mm | PNP NO | 10–55 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040PA-C2-V55** | 4 mm | PNP NO | 10–55 V DC | 2 m cable | Stainless steel | Standard |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-040PA-Q3-K-V55** | 4 mm | PNP NO | 10–55 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040PA-Q3-V55** | 4 mm | PNP NO | 10–55 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040PA-Q4-K-V55** | 4 mm | PNP NO | 10–55 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040PA-Q4-V55** | 4 mm | PNP NO | 10–55 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040PB-C2-K** | 4 mm | PNP NC | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040PB-C2-KK** | 4 mm | PNP NC | 10–30 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PB-C2** | 4 mm | PNP NC | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040PB-Q3-K** | 4 mm | PNP NC | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040PB-Q3-KK** | 4 mm | PNP NC | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PB-Q3** | 4 mm | PNP NC | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040PB-Q4-K** | 4 mm | PNP NC | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040PB-Q4** | 4 mm | PNP NC | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040PB-C2-K-V36** | 4 mm | PNP NC | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040PB-C2-KK-V36** | 4 mm | PNP NC | 5–36 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PB-C2-V36** | 4 mm | PNP NC | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040PB-Q3-K-V36** | 4 mm | PNP NC | 5–36 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040PB-Q3-KK-V36** | 4 mm | PNP NC | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PB-Q3-V36** | 4 mm | PNP NC | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040PB-Q4-K-V36** | 4 mm | PNP NC | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040PB-Q4-KK-V36** | 4 mm | PNP NC | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PB-Q4-V36** | 4 mm | PNP NC | 5–36 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040PB-C2-K-V55** | 4 mm | PNP NC | 10–55 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040PB-C2-V55** | 4 mm | PNP NC | 10–55 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040PB-Q3-K-V55** | 4 mm | PNP NC | 10–55 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040PB-Q3-V55** | 4 mm | PNP NC | 10–55 V DC | M8 connector | Stainless steel | Standard |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-040PB-Q4-K-V55** | 4 mm | PNP NC | 10–55 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040PB-Q4-V55** | 4 mm | PNP NC | 10–55 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040PC-C2-K** | 4 mm | PNP NO + NC | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040PC-C2-KK** | 4 mm | PNP NO + NC | 10–30 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PC-C2** | 4 mm | PNP NO + NC | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040PC-Q3-K** | 4 mm | PNP NO + NC | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040PC-Q3-KK** | 4 mm | PNP NO + NC | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PC-Q3** | 4 mm | PNP NO + NC | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040PC-Q4-K** | 4 mm | PNP NO + NC | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040PC-Q4-KK** | 4 mm | PNP NO + NC | 10–30 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PC-Q4** | 4 mm | PNP NO + NC | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040PC-C2-K-V36** | 4 mm | PNP NO + NC | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040PC-C2-KK-V36** | 4 mm | PNP NO + NC | 5–36 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PC-C2-V36** | 4 mm | PNP NO + NC | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040PC-Q3-K-V36** | 4 mm | PNP NO + NC | 5–36 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040PC-Q3-KK-V36** | 4 mm | PNP NO + NC | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PC-Q3-V36** | 4 mm | PNP NO + NC | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040PC-Q4-K-V36** | 4 mm | PNP NO + NC | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040PC-Q4-KK-V36** | 4 mm | PNP NO + NC | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-040PC-Q4-V36** | 4 mm | PNP NO + NC | 5–36 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040DA-C2-K** | 4 mm | DC 2-wire NO | 10–60 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040DA-C2** | 4 mm | DC 2-wire NO | 10–60 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040DA-Q3-K** | 4 mm | DC 2-wire NO | 10–60 V DC | M8 connector | Stainless steel | Short (K) |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-040DA-Q3** | 4 mm | DC 2-wire NO | 10–60 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040DA-Q4-K** | 4 mm | DC 2-wire NO | 10–60 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040DA-Q4** | 4 mm | DC 2-wire NO | 10–60 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-040DB-C2-K** | 4 mm | DC 2-wire NC | 10–60 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-040DB-C2** | 4 mm | DC 2-wire NC | 10–60 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-040DB-Q3-K** | 4 mm | DC 2-wire NC | 10–60 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040DB-Q3** | 4 mm | DC 2-wire NC | 10–60 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-040DB-Q4-K** | 4 mm | DC 2-wire NC | 10–60 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-040DB-Q4** | 4 mm | DC 2-wire NC | 10–60 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-060NA-C2-K** | 6 mm | NPN NO | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060NA-C2-KK** | 6 mm | NPN NO | 10–30 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060NA-C2** | 6 mm | NPN NO | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060NA-Q3-K** | 6 mm | NPN NO | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060NA-Q3-KK** | 6 mm | NPN NO | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060NA-Q3** | 6 mm | NPN NO | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060NA-Q4-K** | 6 mm | NPN NO | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060NA-Q4-KK** | 6 mm | NPN NO | 10–30 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060NA-Q4** | 6 mm | NPN NO | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-060NA-C2-K-V36** | 6 mm | NPN NO | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060NA-C2-KK-V36** | 6 mm | NPN NO | 5–36 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060NA-C2-V36** | 6 mm | NPN NO | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060NA-Q3-K-V36** | 6 mm | NPN NO | 5–36 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060NA-Q3-KK-V36** | 6 mm | NPN NO | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060NA-Q3-V36** | 6 mm | NPN NO | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060NA-Q4-K-V36** | 6 mm | NPN NO | 5–36 V DC | M12 connector | Stainless steel | Short (K) |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-060NA-Q4-KK-V36** | 6 mm | NPN NO | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060NA-Q4-V36** | 6 mm | NPN NO | 5–36 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-060NA-C2-K-V55** | 6 mm | NPN NO | 10–55 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060NA-C2-V55** | 6 mm | NPN NO | 10–55 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060NA-Q3-K-V55** | 6 mm | NPN NO | 10–55 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060NA-Q3-V55** | 6 mm | NPN NO | 10–55 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060NA-Q4-K-V55** | 6 mm | NPN NO | 10–55 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060NA-Q4-V55** | 6 mm | NPN NO | 10–55 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-060NB-C2-K** | 6 mm | NPN NC | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060NB-C2-KK** | 6 mm | NPN NC | 10–30 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060NB-C2** | 6 mm | NPN NC | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060NB-Q3-K** | 6 mm | NPN NC | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060NB-Q3-KK** | 6 mm | NPN NC | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060NB-Q3** | 6 mm | NPN NC | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060NB-Q4-K** | 6 mm | NPN NC | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060NB-Q4-KK** | 6 mm | NPN NC | 10–30 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060NB-Q4** | 6 mm | NPN NC | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-060NB-C2-K-V36** | 6 mm | NPN NC | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060NB-C2-KK-V36** | 6 mm | NPN NC | 5–36 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060NB-C2-V36** | 6 mm | NPN NC | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060NB-Q3-K-V36** | 6 mm | NPN NC | 5–36 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060NB-Q3-KK-V36** | 6 mm | NPN NC | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060NB-Q3-V36** | 6 mm | NPN NC | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060NB-Q4-K-V36** | 6 mm | NPN NC | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060NB-Q4-KK-V36** | 6 mm | NPN NC | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-060NB-Q4-V36** | 6 mm | NPN NC | 5–36 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-060NB-C2-K-V55** | 6 mm | NPN NC | 10–55 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060NB-C2-V55** | 6 mm | NPN NC | 10–55 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060NB-Q3-K-V55** | 6 mm | NPN NC | 10–55 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060NB-Q3-V55** | 6 mm | NPN NC | 10–55 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060NB-Q4-K-V55** | 6 mm | NPN NC | 10–55 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060NB-Q4-V55** | 6 mm | NPN NC | 10–55 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-060NC-C2-K** | 6 mm | NPN NO + NC | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060NC-C2-KK** | 6 mm | NPN NO + NC | 10–30 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060NC-C2** | 6 mm | NPN NO + NC | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060NC-Q3-K** | 6 mm | NPN NO + NC | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060NC-Q3-KK** | 6 mm | NPN NO + NC | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060NC-Q3** | 6 mm | NPN NO + NC | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060NC-Q4-K** | 6 mm | NPN NO + NC | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060NC-Q4** | 6 mm | NPN NO + NC | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-060NC-C2-K-V36** | 6 mm | NPN NO + NC | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060NC-C2-KK-V36** | 6 mm | NPN NO + NC | 5–36 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060NC-C2-V36** | 6 mm | NPN NO + NC | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060NC-Q3-K-V36** | 6 mm | NPN NO + NC | 5–36 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060NC-Q3-KK-V36** | 6 mm | NPN NO + NC | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060NC-Q3-V36** | 6 mm | NPN NO + NC | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060NC-Q4-K-V36** | 6 mm | NPN NO + NC | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060NC-Q4-KK-V36** | 6 mm | NPN NO + NC | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-060NC-Q4-V36** | 6 mm | NPN NO + NC | 5–36 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-060PA-C2-K** | 6 mm | PNP NO | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060PA-C2-KK** | 6 mm | PNP NO | 10–30 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PA-C2** | 6 mm | PNP NO | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060PA-Q3-K** | 6 mm | PNP NO | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060PA-Q3-KK** | 6 mm | PNP NO | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PA-Q3** | 6 mm | PNP NO | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060PA-Q4-K** | 6 mm | PNP NO | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060PA-Q4-KK** | 6 mm | PNP NO | 10–30 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PA-Q4** | 6 mm | PNP NO | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-060PA-C2-K-V36** | 6 mm | PNP NO | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060PA-C2-KK-V36** | 6 mm | PNP NO | 5–36 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PA-C2-V36** | 6 mm | PNP NO | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060PA-Q3-K-V36** | 6 mm | PNP NO | 5–36 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060PA-Q3-KK-V36** | 6 mm | PNP NO | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PA-Q3-V36** | 6 mm | PNP NO | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060PA-Q4-K-V36** | 6 mm | PNP NO | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060PA-Q4-KK-V36** | 6 mm | PNP NO | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PA-Q4-V36** | 6 mm | PNP NO | 5–36 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-060PA-C2-K-V55** | 6 mm | PNP NO | 10–55 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060PA-C2-V55** | 6 mm | PNP NO | 10–55 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060PA-Q3-K-V55** | 6 mm | PNP NO | 10–55 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060PA-Q3-V55** | 6 mm | PNP NO | 10–55 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060PA-Q4-K-V55** | 6 mm | PNP NO | 10–55 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060PA-Q4-V55** | 6 mm | PNP NO | 10–55 V DC | M12 connector | Stainless steel | Standard |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-060PB-C2-K** | 6 mm | PNP NC | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060PB-C2-KK** | 6 mm | PNP NC | 10–30 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PB-C2** | 6 mm | PNP NC | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060PB-Q3-K** | 6 mm | PNP NC | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060PB-Q3-KK** | 6 mm | PNP NC | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PB-Q3** | 6 mm | PNP NC | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060PB-Q4-K** | 6 mm | PNP NC | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060PB-Q4-KK** | 6 mm | PNP NC | 10–30 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PB-Q4** | 6 mm | PNP NC | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-060PB-C2-K-V36** | 6 mm | PNP NC | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060PB-C2-KK-V36** | 6 mm | PNP NC | 5–36 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PB-C2-V36** | 6 mm | PNP NC | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060PB-Q3-K-V36** | 6 mm | PNP NC | 5–36 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060PB-Q3-KK-V36** | 6 mm | PNP NC | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PB-Q3-V36** | 6 mm | PNP NC | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060PB-Q4-K-V36** | 6 mm | PNP NC | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060PB-Q4-KK-V36** | 6 mm | PNP NC | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PB-Q4-V36** | 6 mm | PNP NC | 5–36 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-060PB-C2-K-V55** | 6 mm | PNP NC | 10–55 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060PB-C2-V55** | 6 mm | PNP NC | 10–55 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060PB-Q3-K-V55** | 6 mm | PNP NC | 10–55 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060PB-Q3-V55** | 6 mm | PNP NC | 10–55 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060PB-Q4-K-V55** | 6 mm | PNP NC | 10–55 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060PB-Q4-V55** | 6 mm | PNP NC | 10–55 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-060PC-C2-K** | 6 mm | PNP NO + NC | 10–30 V DC | 2 m cable | Stainless steel | Short (K) |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-060PC-C2-KK** | 6 mm | PNP NO + NC | 10–30 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PC-C2** | 6 mm | PNP NO + NC | 10–30 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060PC-Q3-K** | 6 mm | PNP NO + NC | 10–30 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060PC-Q3-KK** | 6 mm | PNP NO + NC | 10–30 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PC-Q3** | 6 mm | PNP NO + NC | 10–30 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060PC-Q4-K** | 6 mm | PNP NO + NC | 10–30 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060PC-Q4-KK** | 6 mm | PNP NO + NC | 10–30 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PC-Q4** | 6 mm | PNP NO + NC | 10–30 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-060PC-C2-K-V36** | 6 mm | PNP NO + NC | 5–36 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060PC-C2-KK-V36** | 6 mm | PNP NO + NC | 5–36 V DC | 2 m cable | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PC-C2-V36** | 6 mm | PNP NO + NC | 5–36 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060PC-Q3-K-V36** | 6 mm | PNP NO + NC | 5–36 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060PC-Q3-KK-V36** | 6 mm | PNP NO + NC | 5–36 V DC | M8 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PC-Q3-V36** | 6 mm | PNP NO + NC | 5–36 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060PC-Q4-K-V36** | 6 mm | PNP NO + NC | 5–36 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060PC-Q4-KK-V36** | 6 mm | PNP NO + NC | 5–36 V DC | M12 connector | Stainless steel | Extra-short (KK) |
| **SGI-GP08U-060PC-Q4-V36** | 6 mm | PNP NO + NC | 5–36 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-060DA-C2-K** | 6 mm | DC 2-wire NO | 10–60 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060DA-C2** | 6 mm | DC 2-wire NO | 10–60 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060DA-Q3-K** | 6 mm | DC 2-wire NO | 10–60 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060DA-Q3** | 6 mm | DC 2-wire NO | 10–60 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060DA-Q4-K** | 6 mm | DC 2-wire NO | 10–60 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060DA-Q4** | 6 mm | DC 2-wire NO | 10–60 V DC | M12 connector | Stainless steel | Standard |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-060DB-C2-K** | 6 mm | DC 2-wire NC | 10–60 V DC | 2 m cable | Stainless steel | Short (K) |
| **SGI-GP08U-060DB-C2** | 6 mm | DC 2-wire NC | 10–60 V DC | 2 m cable | Stainless steel | Standard |
| **SGI-GP08U-060DB-Q3-K** | 6 mm | DC 2-wire NC | 10–60 V DC | M8 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060DB-Q3** | 6 mm | DC 2-wire NC | 10–60 V DC | M8 connector | Stainless steel | Standard |
| **SGI-GP08U-060DB-Q4-K** | 6 mm | DC 2-wire NC | 10–60 V DC | M12 connector | Stainless steel | Short (K) |
| **SGI-GP08U-060DB-Q4** | 6 mm | DC 2-wire NC | 10–60 V DC | M12 connector | Stainless steel | Standard |
| **SGI-GP08U-080NA-C2-K** | 8 mm | NPN NO | 10–30 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NA-C2-KK** | 8 mm | NPN NO | 10–30 V DC | 2 m cable | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NA-C2** | 8 mm | NPN NO | 10–30 V DC | 2 m cable | Nickel-plated brass | Standard |
| **SGI-GP08U-080NA-Q3-K** | 8 mm | NPN NO | 10–30 V DC | M8 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NA-Q3-KK** | 8 mm | NPN NO | 10–30 V DC | M8 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NA-Q3** | 8 mm | NPN NO | 10–30 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080NA-Q4-K** | 8 mm | NPN NO | 10–30 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NA-Q4-KK** | 8 mm | NPN NO | 10–30 V DC | M12 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NA-Q4** | 8 mm | NPN NO | 10–30 V DC | M12 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080NA-C2-K-V36** | 8 mm | NPN NO | 5–36 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NA-C2-KK-V36** | 8 mm | NPN NO | 5–36 V DC | 2 m cable | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NA-C2-V36** | 8 mm | NPN NO | 5–36 V DC | 2 m cable | Nickel-plated brass | Standard |
| **SGI-GP08U-080NA-Q3-K-V36** | 8 mm | NPN NO | 5–36 V DC | M8 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NA-Q3-KK-V36** | 8 mm | NPN NO | 5–36 V DC | M8 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NA-Q3-V36** | 8 mm | NPN NO | 5–36 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080NA-Q4-K-V36** | 8 mm | NPN NO | 5–36 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NA-Q4-KK-V36** | 8 mm | NPN NO | 5–36 V DC | M12 connector | Nickel-plated brass | Extra-short (KK) |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-080NA-Q4-V36** | 8 mm | NPN NO | 5–36 V DC | M12 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080NA-C2-K-V55** | 8 mm | NPN NO | 10–55 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NA-C2-V55** | 8 mm | NPN NO | 10–55 V DC | 2 m cable | Nickel-plated brass | Standard |
| **SGI-GP08U-080NA-Q3-K-V55** | 8 mm | NPN NO | 10–55 V DC | M8 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NA-Q3-V55** | 8 mm | NPN NO | 10–55 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080NA-Q4-K-V55** | 8 mm | NPN NO | 10–55 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NA-Q4-V55** | 8 mm | NPN NO | 10–55 V DC | M12 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080NB-C2-K** | 8 mm | NPN NC | 10–30 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NB-C2-KK** | 8 mm | NPN NC | 10–30 V DC | 2 m cable | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NB-C2** | 8 mm | NPN NC | 10–30 V DC | 2 m cable | Nickel-plated brass | Standard |
| **SGI-GP08U-080NB-Q3-K** | 8 mm | NPN NC | 10–30 V DC | M8 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NB-Q3-KK** | 8 mm | NPN NC | 10–30 V DC | M8 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NB-Q3** | 8 mm | NPN NC | 10–30 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080NB-Q4-K** | 8 mm | NPN NC | 10–30 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NB-Q4-KK** | 8 mm | NPN NC | 10–30 V DC | M12 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NB-Q4** | 8 mm | NPN NC | 10–30 V DC | M12 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080NB-C2-K-V36** | 8 mm | NPN NC | 5–36 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NB-C2-KK-V36** | 8 mm | NPN NC | 5–36 V DC | 2 m cable | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NB-C2-V36** | 8 mm | NPN NC | 5–36 V DC | 2 m cable | Nickel-plated brass | Standard |
| **SGI-GP08U-080NB-Q3-K-V36** | 8 mm | NPN NC | 5–36 V DC | M8 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NB-Q3-KK-V36** | 8 mm | NPN NC | 5–36 V DC | M8 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NB-Q3-V36** | 8 mm | NPN NC | 5–36 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080NB-Q4-K-V36** | 8 mm | NPN NC | 5–36 V DC | M12 connector | Nickel-plated brass | Short (K) |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-080NB-Q4-KK-V36** | 8 mm | NPN NC | 5–36 V DC | M12 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NB-Q4-V36** | 8 mm | NPN NC | 5–36 V DC | M12 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080NB-C2-K-V55** | 8 mm | NPN NC | 10–55 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NB-C2-V55** | 8 mm | NPN NC | 10–55 V DC | 2 m cable | Nickel-plated brass | Standard |
| **SGI-GP08U-080NB-Q3-K-V55** | 8 mm | NPN NC | 10–55 V DC | M8 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NB-Q3-V55** | 8 mm | NPN NC | 10–55 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080NB-Q4-K-V55** | 8 mm | NPN NC | 10–55 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NB-Q4-V55** | 8 mm | NPN NC | 10–55 V DC | M12 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080NC-C2-K** | 8 mm | NPN NO + NC | 10–30 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NC-C2-KK** | 8 mm | NPN NO + NC | 10–30 V DC | 2 m cable | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NC-C2** | 8 mm | NPN NO + NC | 10–30 V DC | 2 m cable | Nickel-plated brass | Standard |
| **SGI-GP08U-080NC-Q3-K** | 8 mm | NPN NO + NC | 10–30 V DC | M8 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NC-Q3-KK** | 8 mm | NPN NO + NC | 10–30 V DC | M8 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NC-Q3** | 8 mm | NPN NO + NC | 10–30 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080NC-Q4-K** | 8 mm | NPN NO + NC | 10–30 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NC-Q4-KK** | 8 mm | NPN NO + NC | 10–30 V DC | M12 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NC-Q4** | 8 mm | NPN NO + NC | 10–30 V DC | M12 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080NC-C2-K-V36** | 8 mm | NPN NO + NC | 5–36 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NC-C2-KK-V36** | 8 mm | NPN NO + NC | 5–36 V DC | 2 m cable | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NC-C2-V36** | 8 mm | NPN NO + NC | 5–36 V DC | 2 m cable | Nickel-plated brass | Standard |
| **SGI-GP08U-080NC-Q3-K-V36** | 8 mm | NPN NO + NC | 5–36 V DC | M8 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NC-Q3-KK-V36** | 8 mm | NPN NO + NC | 5–36 V DC | M8 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NC-Q3-V36** | 8 mm | NPN NO + NC | 5–36 V DC | M8 connector | Nickel-plated brass | Standard |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-080NC-Q4-K-V36** | 8 mm | NPN NO + NC | 5–36 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080NC-Q4-KK-V36** | 8 mm | NPN NO + NC | 5–36 V DC | M12 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080NC-Q4-V36** | 8 mm | NPN NO + NC | 5–36 V DC | M12 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080PA-C2-K** | 8 mm | PNP NO | 10–30 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PA-C2-KK** | 8 mm | PNP NO | 10–30 V DC | 2 m cable | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PA-C2** | 8 mm | PNP NO | 10–30 V DC | 2 m cable | Nickel-plated brass | Standard |
| **SGI-GP08U-080PA-Q3-K** | 8 mm | PNP NO | 10–30 V DC | M8 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PA-Q3-KK** | 8 mm | PNP NO | 10–30 V DC | M8 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PA-Q3** | 8 mm | PNP NO | 10–30 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080PA-Q4-K** | 8 mm | PNP NO | 10–30 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PA-Q4-KK** | 8 mm | PNP NO | 10–30 V DC | M12 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PA-Q4** | 8 mm | PNP NO | 10–30 V DC | M12 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080PA-C2-K-V36** | 8 mm | PNP NO | 5–36 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PA-C2-KK-V36** | 8 mm | PNP NO | 5–36 V DC | 2 m cable | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PA-C2-V36** | 8 mm | PNP NO | 5–36 V DC | 2 m cable | Nickel-plated brass | Standard |
| **SGI-GP08U-080PA-Q3-K-V36** | 8 mm | PNP NO | 5–36 V DC | M8 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PA-Q3-KK-V36** | 8 mm | PNP NO | 5–36 V DC | M8 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PA-Q3-V36** | 8 mm | PNP NO | 5–36 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080PA-Q4-K-V36** | 8 mm | PNP NO | 5–36 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PA-Q4-KK-V36** | 8 mm | PNP NO | 5–36 V DC | M12 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PA-C2-K-V55** | 8 mm | PNP NO | 10–55 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PA-C2-V55** | 8 mm | PNP NO | 10–55 V DC | 2 m cable | Nickel-plated brass | Standard |
| **SGI-GP08U-080PA-Q3-K-V55** | 8 mm | PNP NO | 10–55 V DC | M8 connector | Nickel-plated brass | Short (K) |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-080PA-Q3-V55** | 8 mm | PNP NO | 10–55 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080PA-Q4-K-V55** | 8 mm | PNP NO | 10–55 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PA-Q4-V55** | 8 mm | PNP NO | 10–55 V DC | M12 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080PB-C2-K** | 8 mm | PNP NC | 10–30 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PB-C2-KK** | 8 mm | PNP NC | 10–30 V DC | 2 m cable | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PB-C2** | 8 mm | PNP NC | 10–30 V DC | 2 m cable | Nickel-plated brass | Standard |
| **SGI-GP08U-080PB-Q3-K** | 8 mm | PNP NC | 10–30 V DC | M8 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PB-Q3-KK** | 8 mm | PNP NC | 10–30 V DC | M8 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PB-Q3** | 8 mm | PNP NC | 10–30 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080PB-Q4-K** | 8 mm | PNP NC | 10–30 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PB-Q4-KK** | 8 mm | PNP NC | 10–30 V DC | M12 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PB-Q4** | 8 mm | PNP NC | 10–30 V DC | M12 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080PB-C2-K-V36** | 8 mm | PNP NC | 5–36 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PB-C2-KK-V36** | 8 mm | PNP NC | 5–36 V DC | 2 m cable | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PB-C2-V36** | 8 mm | PNP NC | 5–36 V DC | 2 m cable | Nickel-plated brass | Standard |
| **SGI-GP08U-080PB-Q3-K-V36** | 8 mm | PNP NC | 5–36 V DC | M8 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PB-Q3-KK-V36** | 8 mm | PNP NC | 5–36 V DC | M8 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PB-Q3-V36** | 8 mm | PNP NC | 5–36 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080PB-Q4-K-V36** | 8 mm | PNP NC | 5–36 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PB-Q4-KK-V36** | 8 mm | PNP NC | 5–36 V DC | M12 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PB-Q4-V36** | 8 mm | PNP NC | 5–36 V DC | M12 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080PB-C2-K-V55** | 8 mm | PNP NC | 10–55 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PB-Q3-K-V55** | 8 mm | PNP NC | 10–55 V DC | M8 connector | Nickel-plated brass | Short (K) |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-080PB-Q3-V55** | 8 mm | PNP NC | 10–55 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080PB-Q4-K-V55** | 8 mm | PNP NC | 10–55 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PB-Q4-V55** | 8 mm | PNP NC | 10–55 V DC | M12 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080PC-C2-K** | 8 mm | PNP NO + NC | 10–30 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PC-C2-KK** | 8 mm | PNP NO + NC | 10–30 V DC | 2 m cable | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PC-C2** | 8 mm | PNP NO + NC | 10–30 V DC | 2 m cable | Nickel-plated brass | Standard |
| **SGI-GP08U-080PC-Q3-K** | 8 mm | PNP NO + NC | 10–30 V DC | M8 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PC-Q3-KK** | 8 mm | PNP NO + NC | 10–30 V DC | M8 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PC-Q3** | 8 mm | PNP NO + NC | 10–30 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080PC-Q4-K** | 8 mm | PNP NO + NC | 10–30 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PC-Q4-KK** | 8 mm | PNP NO + NC | 10–30 V DC | M12 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PC-Q4** | 8 mm | PNP NO + NC | 10–30 V DC | M12 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080PC-C2-K-V36** | 8 mm | PNP NO + NC | 5–36 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PC-C2-KK-V36** | 8 mm | PNP NO + NC | 5–36 V DC | 2 m cable | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PC-C2-V36** | 8 mm | PNP NO + NC | 5–36 V DC | 2 m cable | Nickel-plated brass | Standard |
| **SGI-GP08U-080PC-Q3-K-V36** | 8 mm | PNP NO + NC | 5–36 V DC | M8 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PC-Q3-KK-V36** | 8 mm | PNP NO + NC | 5–36 V DC | M8 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PC-Q3-V36** | 8 mm | PNP NO + NC | 5–36 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080PC-Q4-K-V36** | 8 mm | PNP NO + NC | 5–36 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080PC-Q4-KK-V36** | 8 mm | PNP NO + NC | 5–36 V DC | M12 connector | Nickel-plated brass | Extra-short (KK) |
| **SGI-GP08U-080PC-Q4-V36** | 8 mm | PNP NO + NC | 5–36 V DC | M12 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080DA-C2-K** | 8 mm | DC 2-wire NO | 10–60 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080DA-C2** | 8 mm | DC 2-wire NO | 10–60 V DC | 2 m cable | Nickel-plated brass | Standard |

| Part number | Sensing distance | Output | Supply | Connection | Housing | Length |
|---|---|---|---|---|---|---|
| **SGI-GP08U-080DA-Q3-K** | 8 mm | DC 2-wire NO | 10–60 V DC | M8 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080DA-Q3** | 8 mm | DC 2-wire NO | 10–60 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080DA-Q4-K** | 8 mm | DC 2-wire NO | 10–60 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080DA-Q4** | 8 mm | DC 2-wire NO | 10–60 V DC | M12 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080DB-C2-K** | 8 mm | DC 2-wire NC | 10–60 V DC | 2 m cable | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080DB-C2** | 8 mm | DC 2-wire NC | 10–60 V DC | 2 m cable | Nickel-plated brass | Standard |
| **SGI-GP08U-080DB-Q3-K** | 8 mm | DC 2-wire NC | 10–60 V DC | M8 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080DB-Q3** | 8 mm | DC 2-wire NC | 10–60 V DC | M8 connector | Nickel-plated brass | Standard |
| **SGI-GP08U-080DB-Q4-K** | 8 mm | DC 2-wire NC | 10–60 V DC | M12 connector | Nickel-plated brass | Short (K) |
| **SGI-GP08U-080DB-Q4** | 8 mm | DC 2-wire NC | 10–60 V DC | M12 connector | Nickel-plated brass | Standard |

## Questions and answers

**What does non-flush mean for an M8 sensor?**

A non-flush (unshielded) sensor has a protruding sensing face and needs a metal-free zone around it, but reaches further than a flush model of the same size.

**Which sensing distances are available?**

This family has 579 part numbers with these rated sensing distances: 2 / 4 / 6 / 8 mm.

**Which supply voltages are available?**

Supply ranges in this family: 10–30 V DC, 5–36 V DC, 10–55 V DC, 10–60 V DC.

**Which connections are available?**

Connection options: 2 m cable (178 models), M8 connector (192 models), M12 connector (188 models), M8 pigtail (21 models).

**Can I order with the SEGMENsensor part number?**

Yes. Each part number is one fixed configuration. Click Quote in the model table or enter the part number in the form; the datasheet and lead time are confirmed with the quotation.

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