

Capacitive sensor

Metal Barrel-M12



Description:

Brass nickel-plated, threaded barrel, DC 3-wire output, potentiometer adjustment, IP67 protection class, LED indicator.

Technical Data:

| Type | Rated Operating Distance Sn | Mounting | Output | Voltage Range U_B | Rated Current | Switching Frequency | Ambient Temperature | Connection | Fig |
|------------------|-----------------------------|-----------|--------|---------------------|---------------|---------------------|---------------------|---------------|-------|
| FC2-M12-OP6L | 2mm | Flush | PNP NO | 10...30VDC | ≤200mA | 50Hz | -25...70°C | 2m cable | Fig.1 |
| FC2-M12-ON6L | 2mm | Flush | NPN NO | 10...30VDC | ≤200mA | 50Hz | -25...70°C | 2m cable | Fig.1 |
| FC2-M12-CP6L | 2mm | Flush | PNP NC | 10...30VDC | ≤200mA | 50Hz | -25...70°C | 2m cable | Fig.1 |
| FC2-M12-CN6L | 2mm | Flush | NPN NC | 10...30VDC | ≤200mA | 50Hz | -25...70°C | 2m cable | Fig.1 |
| NC4-M12-OP6L | 4mm | Non-flush | PNP NO | 10...30VDC | ≤200mA | 50Hz | -25...70°C | 2m cable | Fig.2 |
| NC4-M12-ON6L | 4mm | Non-flush | NPN NO | 10...30VDC | ≤200mA | 50Hz | -25...70°C | 2m cable | Fig.2 |
| NC4-M12-CP6L | 4mm | Non-flush | PNP NC | 10...30VDC | ≤200mA | 50Hz | -25...70°C | 2m cable | Fig.2 |
| NC4-M12-CN6L | 4mm | Non-flush | NPN NC | 10...30VDC | ≤200mA | 50Hz | -25...70°C | 2m cable | Fig.2 |
| FC2-M12-OP6L-Q12 | 2mm | Flush | PNP NO | 10...30VDC | ≤200mA | 50Hz | -25...70°C | M12 Connector | Fig.3 |
| FC2-M12-ON6L-Q12 | 2mm | Flush | NPN NO | 10...30VDC | ≤200mA | 50Hz | -25...70°C | M12 Connector | Fig.3 |
| FC2-M12-CP6L-Q12 | 2mm | Flush | PNP NC | 10...30VDC | ≤200mA | 50Hz | -25...70°C | M12 Connector | Fig.3 |
| FC2-M12-CN6L-Q12 | 2mm | Flush | NPN NC | 10...30VDC | ≤200mA | 50Hz | -25...70°C | M12 Connector | Fig.3 |
| NC4-M12-OP6L-Q12 | 4mm | Non-flush | PNP NO | 10...30VDC | ≤200mA | 50Hz | -25...70°C | M12 Connector | Fig.4 |
| NC4-M12-ON6L-Q12 | 4mm | Non-flush | NPN NO | 10...30VDC | ≤200mA | 50Hz | -25...70°C | M12 Connector | Fig.4 |
| NC4-M12-CP6L-Q12 | 4mm | Non-flush | PNP NC | 10...30VDC | ≤200mA | 50Hz | -25...70°C | M12 Connector | Fig.4 |
| NC4-M12-CN6L-Q12 | 4mm | Non-flush | NPN NC | 10...30VDC | ≤200mA | 50Hz | -25...70°C | M12 Connector | Fig.4 |

Dimensions:

Fig.1

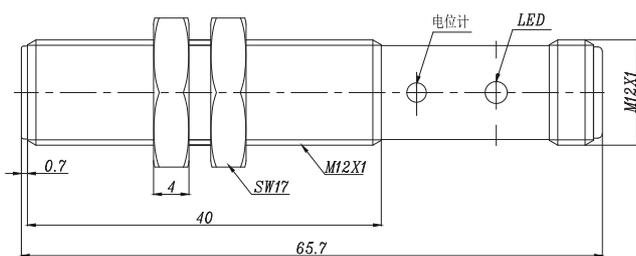


Fig.2

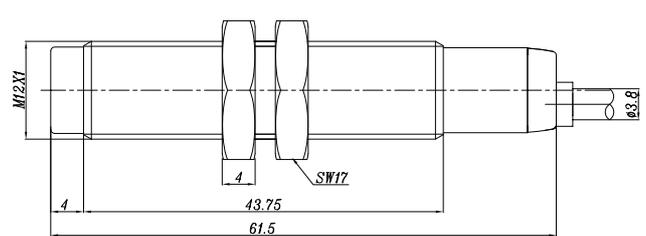


Fig.3

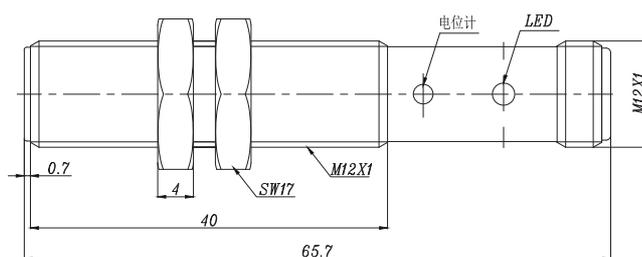
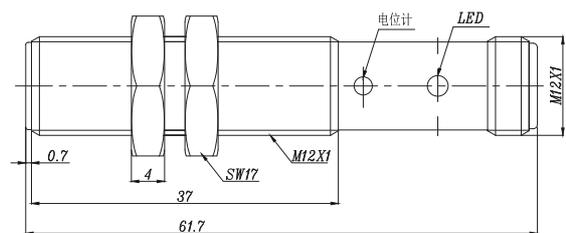


Fig.4



Metal Barrel-M12



Description:

Brass nickel-plated, threaded barrel, DC 4-wire output, potentiometer adjustment, IP67 protection class, LED indicator.

Technical Data:

| Type | Rated Operating Distance S_n | Mounting | Output | Voltage Range U_B | Rated Current | Switching Frequency | Ambient Temperature | Connection | Fig |
|------------------|--------------------------------|-----------|-----------|---------------------|---------------|---------------------|---------------------|---------------|-------|
| FC2-M12-BP6L | 2mm | Flush | PNP NO+NC | 10...30VDC | ≤200mA | 50Hz | -25...70°C | 2m cable | Fig.1 |
| FC2-M12-BN6L | 2mm | Flush | NPN NO+NC | 10...30VDC | ≤200mA | 50Hz | -25...70°C | 2m cable | Fig.1 |
| NC4-M12-BP6L | 4mm | Non-flush | PNP NO+NC | 10...30VDC | ≤200mA | 50Hz | -25...70°C | 2m cable | Fig.2 |
| NC4-M12-BN6L | 4mm | Non-flush | NPN NO+NC | 10...30VDC | ≤200mA | 50Hz | -25...70°C | 2m cable | Fig.2 |
| FC2-M12-BP6L-Q12 | 2mm | Flush | PNP NO+NC | 10...30VDC | ≤200mA | 50Hz | -25...70°C | M12 Connector | Fig.3 |
| FC2-M12-BN6L-Q12 | 2mm | Flush | NPN NO+NC | 10...30VDC | ≤200mA | 50Hz | -25...70°C | M12 Connector | Fig.3 |
| NC4-M12-BP6L-Q12 | 4mm | Non-flush | PNP NO+NC | 10...30VDC | ≤200mA | 50Hz | -25...70°C | M12 Connector | Fig.4 |
| NC4-M12-BN6L-Q12 | 4mm | Non-flush | NPN NO+NC | 10...30VDC | ≤200mA | 50Hz | -25...70°C | M12 Connector | Fig.4 |

Capacitive sensor

Dimensions:

Fig.1

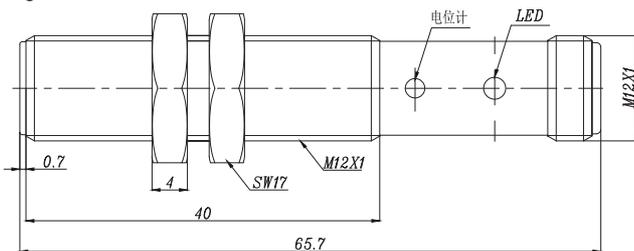


Fig.2

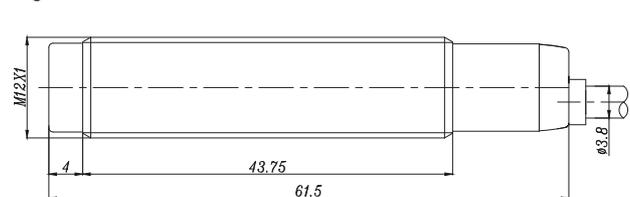


Fig.3

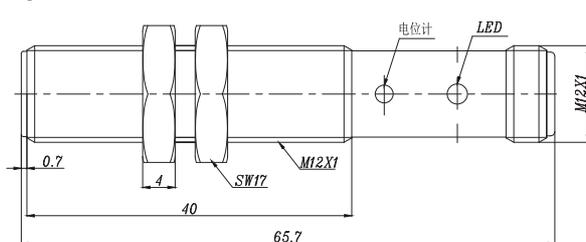


Fig.4

