

Capacitive Sensors

Plastic Barrel-S32



Descriptions:

Plastic housing, smooth barrel, DC 3/4-wire, yellow LED, IP67

Features:

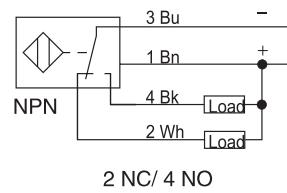
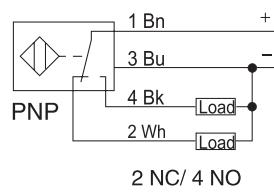
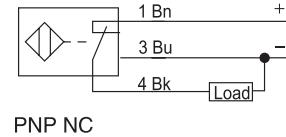
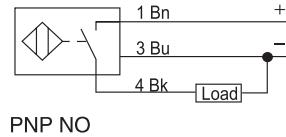
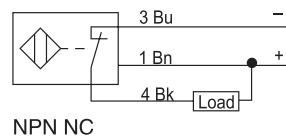
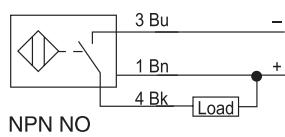
- Large sensing range
- Wide voltage range
- Flush/non-flush option
- Multi-circuit protection
- Varied output
- Sensitivity adjustment of multi-turn potentiometer

Parameter:

| Type | Rated operating distance | Mounting | Output function | Output type | Voltage supply | Rated current | Switching frequency | Ambient temperature | Connection | Mechanical Drawing |
|---------------|--------------------------|-----------|-----------------|-------------|----------------|---------------|---------------------|---------------------|------------|--------------------|
| FC15-S32-OP6L | 15mm | flush | NO | PNP | 10...30VDC | ≤200mA | 30Hz | -25...70°C | 2m cable | drawing 1 |
| FC15-S32-ON6L | 15mm | flush | NO | NPN | 10...30VDC | ≤200mA | 30Hz | -25...70°C | 2m cable | drawing 1 |
| FC15-S32-CP6L | 15mm | flush | NC | PNP | 10...30VDC | ≤200mA | 30Hz | -25...70°C | 2m cable | drawing 1 |
| FC15-S32-CN6L | 15mm | flush | NC | NPN | 10...30VDC | ≤200mA | 30Hz | -25...70°C | 2m cable | drawing 1 |
| FC15-S32-BP6L | 15mm | flush | NO+NC | PNP | 10...30VDC | ≤200mA | 30Hz | -25...70°C | 2m cable | drawing 1 |
| FC15-S32-BN6L | 15mm | flush | NO+NC | NPN | 10...30VDC | ≤200mA | 30Hz | -25...70°C | 2m cable | drawing 1 |
| NC20-S32-OP6L | 20mm | non-flush | NO | PNP | 10...30VDC | ≤200mA | 30Hz | -25...70°C | 2m cable | drawing 1 |
| NC20-S32-ON6L | 20mm | non-flush | NO | NPN | 10...30VDC | ≤200mA | 30Hz | -25...70°C | 2m cable | drawing 1 |
| NC20-S32-CP6L | 20mm | non-flush | NC | PNP | 10...30VDC | ≤200mA | 30Hz | -25...70°C | 2m cable | drawing 1 |
| NC20-S32-CN6L | 20mm | non-flush | NC | NPN | 10...30VDC | ≤200mA | 30Hz | -25...70°C | 2m cable | drawing 1 |
| NC20-S32-BP6L | 20mm | non-flush | NO+NC | PNP | 10...30VDC | ≤200mA | 30Hz | -25...70°C | 2m cable | drawing 1 |
| NC20-S32-BN6L | 20mm | non-flush | NO+NC | NPN | 10...30VDC | ≤200mA | 30Hz | -25...70°C | 2m cable | drawing 1 |

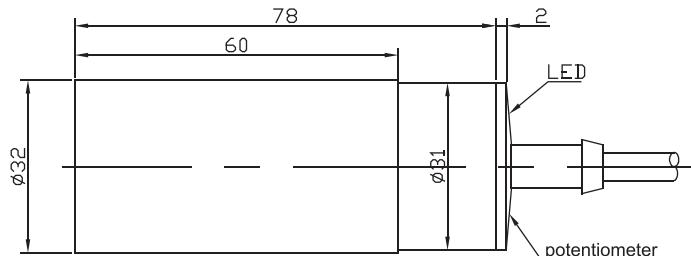
Plastic Barrel-S32

Connection Diagram:



Mechanical Drawing:

Drawing 1



Capacitive Sensors

Plastic Barrel-S32



Descriptions:

Plastic housing, smooth barrel, AC 2-wire, yellow LED, IP67

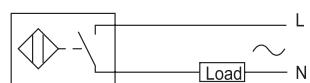
Features:

- Large sensing range
- Wide voltage range
- Flush/non-flush option
- Multi-circuit protection
- Sensitivity adjustment of multi-turn potentiometer

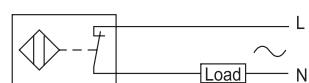
Parameter:

| Type | Rated operating distance | Mounting | Output function | Output type | Voltage supply | Rated current | Switching frequency | Ambient temperature | Connection | Mechanical Drawing |
|----------------|--------------------------|-----------|-----------------|-------------|----------------|---------------|---------------------|---------------------|------------|--------------------|
| FC15-S32-OSA3L | 15mm | flush | NO | AC | 20...250VAC | ≤300mA | 15Hz | -25...70°C | 2m cable | drawing 1 |
| FC15-S32-CSA3L | 15mm | flush | NC | AC | 20...250VAC | ≤300mA | 15Hz | -25...70°C | 2m cable | drawing 1 |
| NC20-S32-OSA3L | 20mm | non-flush | NO | AC | 20...250VAC | ≤300mA | 15Hz | -25...70°C | 2m cable | drawing 1 |
| NC20-S32-CSA3L | 20mm | non-flush | NC | AC | 20...250VAC | ≤300mA | 15Hz | -25...70°C | 2m cable | drawing 1 |

Connection Diagram:



AC-2 wire NO



AC-2 wire NC

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Mechanical Drawing:

Drawing 1

