

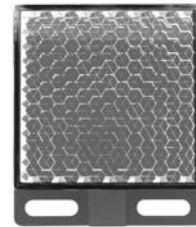
## Retro-reflective

Sensing range: 1.5m

|                                       |                                    |              |
|---------------------------------------|------------------------------------|--------------|
| <b>Sensing range</b>                  | <b>1.5m</b>                        |              |
| Catalog number                        | SOR1500M18NC1PO                    |              |
| List price                            | <b>\$ 82.00</b>                    |              |
| Output                                | PNP, Sourcing, Normally Open       |              |
| Polarized                             | Yes                                |              |
| Reference                             | 50mm x 50mm Reflector              |              |
| Detectable object                     | Opaque and mirror objects          |              |
| Switching frequency                   | Hz                                 | 300          |
| Response time                         | ms                                 | 1.5          |
| Readiness delay                       | ms                                 | 50           |
| Operating mode                        | Light On/Dark On, Wiring dependent |              |
| LEDs                                  | Output status                      |              |
| Yellow                                | Visible red light                  |              |
| Type of light                         | nm                                 |              |
| Ambient light limit                   |                                    |              |
| Daylight                              | Lux                                | 10,000       |
| Halogen                               | Lux                                | 3000         |
| <b>Electrical specifications</b>      |                                    |              |
| Supply voltage                        | VDC                                | 10 – 30      |
| Current consumption                   | mA                                 | 20           |
| Load current                          | mA                                 | 100          |
| Voltage drop                          | VDC                                | 2.5          |
| Short circuit and overload protection | yes                                |              |
| Reverse polarity protection           | yes                                |              |
| <b>Mechanical specifications</b>      |                                    |              |
| Protection IEC                        | IP67                               |              |
| Housing                               | Nickel-plated brass                |              |
| Housing diameter                      | mm                                 | 18           |
| Optical                               | PMMA lens                          |              |
| Operating temperature                 | °F                                 | -13 ... +131 |
| Storage temperature                   | °F                                 | -40 ... +158 |
| Approvals                             |                                    |              |
| CE                                    | yes                                |              |
| UL listed                             | yes                                |              |
| CSA                                   | yes                                |              |
| Weight                                | g                                  | 45           |
| Connection                            | Connector M12                      |              |



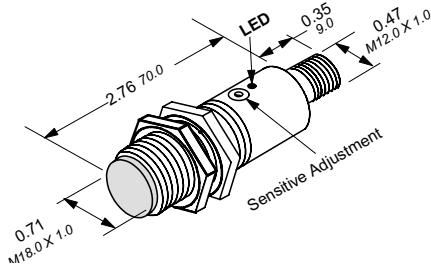
SOR1500M18NC1PO



RFL1 Reflector

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### Approximate dimensions



### Wiring diagrams

