# IY19C840

## INDUCTIVE SENSORS • SENSORS FOR HOSE MOUNTING

sensor inductive, 12x19x78mm, Non-flush, Sn: 16, 10-30V DC, PNP NO, Cable connector M12 3pin 0.1m PUR (Polyurethane), IP67, PA 6.6 (synthetic), Dynamic, hose mounting

### MECHANICAL FEATURES

| | |
|---|---|
| Active area material of sensor | PA 6.6 (synthetic) |
| Ambient temperature | -25 °C ... 75 °C |
| Cable infeed | Axial |
| Cable length | 0.1 m |
| Degree of protection (IP) | IP67 |
| Design | Cuboid |
| Housing material | PA 6.6 (synthetic) |
| Material of cable sheath | PUR (Polyurethane) |
| Mechanical mounting condition for sensor | Non-flush |
| Pressure-proof | - |
| Sensor height | 11.9 mm |
| Sensor length | 19 mm |
| Sensor width | 78.5 mm |

### ELECTRICAL FEATURES

| | |
|---|---|
| Cascadable | - |
| Decay time | 200 ms |
| Hysteresis | 15 % |
| Max. parts speed | 50 m/s |
| No-load current | 13 mA |
| Number of pins | 3 |
| Operating voltage | 10 V ... 30 V |
| Pulse stretching | 200 ms ... 200 ms |
| Rated switching current | 200 mA |
| Readiness delay | 50 ms |
| Relative repeat accuracy | 2 % |
| Reverse polarity protection | + |
| Short-circuit protection | + |
| Suitable for safety functions | - |
| Switching behavior of the output | Dynamic |
| Switching distance | 16 mm |
| Type of electrical connection | Cable connector M12 |
| Type of switching function | Normally open contact |

## ELECTRICAL FEATURES

| | |
|---|---|
| Type of switching output | PNP |
| Voltage drop | 2.4 V |
| Voltage type | DC |
| With LED display | + |

## OTHER FEATURES

| | |
|---|---|
| Devices for hose mounting | + |
| Feeding technology | + |

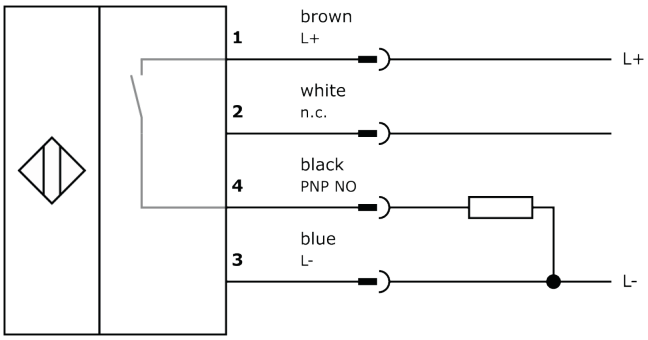
### Other

| | |
|---|---|
| Packaging dimensions | 77.0mm x 25.0mm x 123.0mm |
| Shipping weight | 0.04kg |
| Tariff code | 85365019 |

### Classification

| | |
|---|---|
| ipf product group | 700 |
| eClass 8.0 | 27270101 |
| eClass 9.0 | 27270101 |
| eClass 9.1 | 27270101 |
| ETIM-5.0 | EC002714 |
| ETIM-6.0 | EC002714 |
| ETIM-7.0 | EC002714 |

### Connection




### Dimensional drawing

### Installation

Mounting / installation may only be carried out by a qualified electrician!

### Disposal

### Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.
Never use these devices in applications where the safety of a person depends on their functionality.
LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.