

## IB05C418

### INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

sensor inductive, M5x0.5 27long, Flush, Sn: 0.8, 10-30V DC, PNP NO,  
Cable connector M8 0.3m PUR (Polyurethane), IP67, V2A



#### MECHANICAL FEATURES

Active area material of sensor	Polyoxymethylene (POM)
Alignment of cable entry	Axial
Ambient temperature	-25 °C ... 70 °C
Cable infeed	Axial
Cable length	0.3 m
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing material	Stainless steel (V2A)
Material of cable sheath	PUR (Polyurethane)
Max. tightening torque	1.5 Nm
Mechanical mounting condition for sensor	Flush
Pressure-proof	-
Sensor length	27 mm
Thread pitch	0.5 mm
Thread size, metric	5

#### ELECTRICAL FEATURES

Cascadable	-
Norm measuring plate	5x5x1
Rated switching current	200 mA
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	0.8 mm
Type of electrical connection	Cable connector M8
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage type	DC
With monitoring function of downstream devices	-

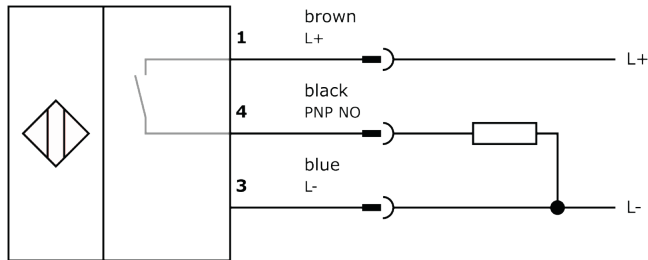
#### Other

Packaging dimensions	100mm x 17.0mm x 120mm
Shipping weight	0.02kg
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.

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