

**IC120223**
**INDUCTIVE SENSORS • FULL-METAL HOUSING**

sensor inductive, all-steel, M12x1 50long, Quasi-flat, Sn: 4, 10-30V  
DC, PNP NC, Connector M12 4pin, IP67, V4A


**MECHANICAL FEATURES**

Active area material of sensor	Stainless steel 1.4404
Alignment of cable entry	Axial
Ambient temperature	-25 °C ... 70 °C
Cable infeed	Axial
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing material	Stainless steel 1.4404
Mechanical mounting condition for sensor	Quasi-flat
Pressure-proof	+
Sensor length	50 mm
Thread pitch	1 mm
Thread size, metric	12

**ELECTRICAL FEATURES**

Cascadable	-
Number of pins	4
Rated switching current	200 mA
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	4 mm
Type of electrical connection	Connector M12
Type of switching function	Normally closed contact
Type of switching output	PNP
Voltage type	DC
With monitoring function of downstream devices	-

**OTHER FEATURES**

Feeding technology	+
Harsh environmental conditions	+
Hygienic and wet area	+
Metallic sensor surface	+
Oil and cooling lubricants	+

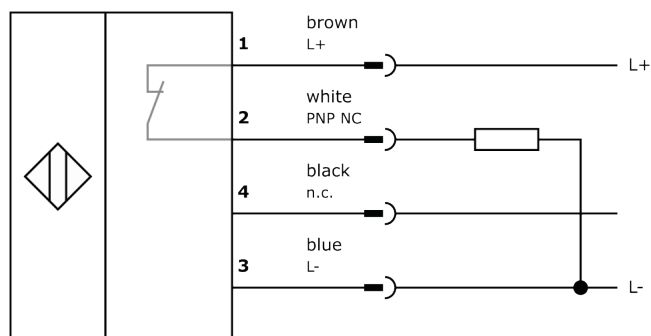
## Other

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

## Classification

ipf product group	204
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.