

IB090170

INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

sensor inductive, 59x8x8mm, Flush, Sn: 1.5, 10-30V DC, PNP NO, Connector M8 3pin, IP67, Zinc die-cast Nickel-plated



MECHANICAL FEATURES

Active area material of sensor	PA 6.1 GF15
Ambient temperature	-25 °C ... 70 °C
Cable infeed	Axial
Degree of protection (IP)	IP67
Design	Cuboid
Housing coating	Nickel-plated
Housing material	Zinc die-cast
Max. tightening torque	1 Nm
Mechanical mounting condition for sensor	Flush
Pressure-proof	-
Sensor height	59 mm
Sensor length	8 mm
Sensor width	8 mm

ELECTRICAL FEATURES

Cascadable	-
No-load current	13 mA
Number of pins	3
Operating voltage	10 V ... 30 V
Rated switching current	200 mA
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Switching distance	1.5 mm
Switching frequency	1000 Hz
Type of electrical connection	Connector M8
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	2.4 V
Voltage type	DC
With LED display	+

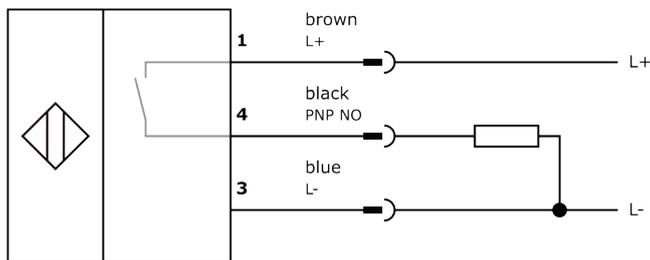
Other

Packaging dimensions	100mm x 17.0mm x 120mm
Shipping weight	0.02kg
Tariff code	85365019

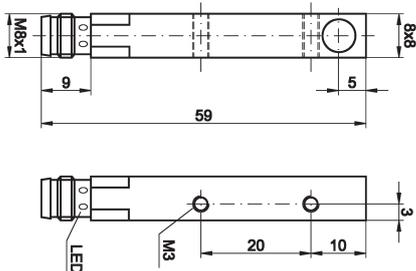
Classification

ipf product group	215
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.