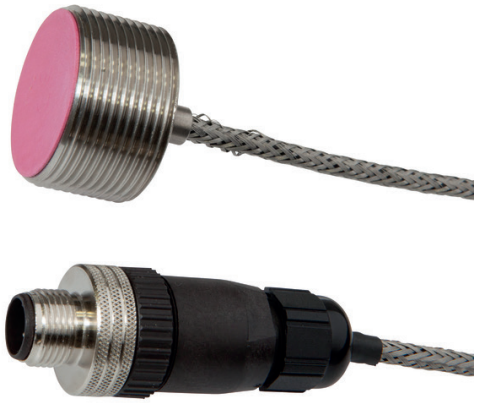
IB30E093

INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE

sensor inductive, M30x1.5 28long, Flush, Sn: 8, 10-35V DC, 140°C, PNP NO, Cable connector M12 3pin 8m PTFE with stainl. steel mesh, IP50, Stainless steel 1.4305



MECHANICAL FEATURES

Active area material of sensor	Vectra®
Alignment of cable entry	Axial
Ambient temperature	0 °C ... 140 °C
Cable infeed	Axial
Cable length	8 m
Degree of protection (IP)	IP50
Design	Cylinder, screw-thread
Housing material	Stainless steel 1.4305
Increased ambient temperatures > 80°C	+
Material of cable sheath	PTFE with stainl. steel mesh
Mechanical mounting condition for sensor	Flush
Number of cores	3
Pressure-proof	-
Sensor length	27.6 mm
Thread length	18 mm
Thread pitch	1.5 mm
Thread size, metric	30
Wire cross section	0.25 mm²

ELECTRICAL FEATURES

Cascadable	-
Hysteresis	15 %
Max. output current at safe output	150 mA
No-load current	15 mA
Norm measuring plate	30x30x1
Number of pins	3
Operating voltage	10 V ... 35 V
Rated switching current	150 mA
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 35 V
Switching distance	8 mm

ELECTRICAL FEATURES

Switching frequency	200 Hz
Type of electrical connection	Cable connector M12
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC
With monitoring function of downstream devices	-

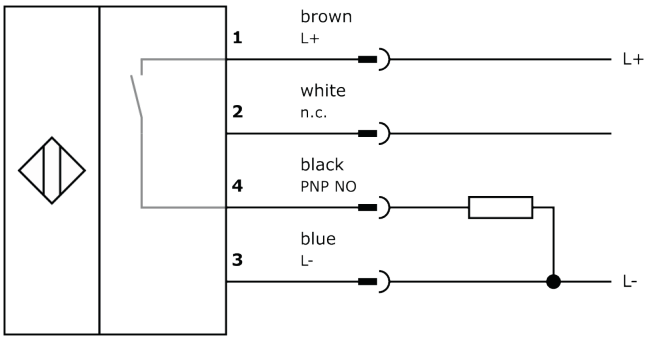
Other

Packaging dimensions	250mm x 43.0mm x 350mm
Shipping weight	0.32kg
Tariff code	85365019

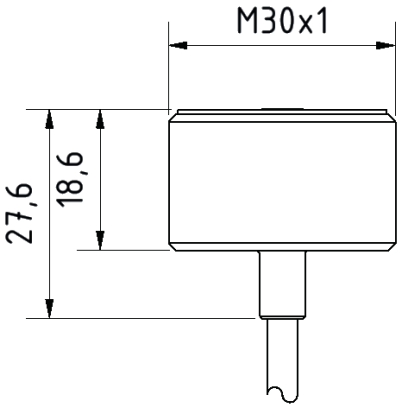
Classification

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.