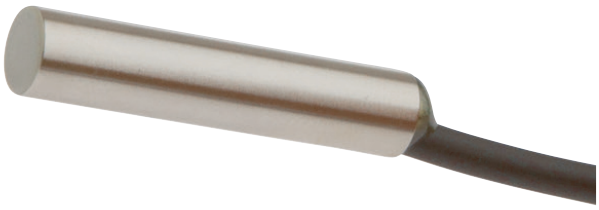
IB06E056

INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

sensor inductive, Ø6,5mm 30long, Flush, Sn: 1.5, 5V DC, PNP NO, Cable 0.35m PVC, IP67, Brass Nickel-plated





MECHANICAL FEATURES

Active area material of sensor	Pocan KU 2-7503/1 + Batch RAL7032 LS
Alignment of cable entry	Axial
Ambient temperature	-25 °C ... 70 °C
Cable infeed	Axial
Cable length	0.35 m
Degree of protection (IP)	IP67
Design	Cylinder plain
Housing coating	Nickel-plated
Housing material	Brass
Material of cable sheath	PVC
Mechanical mounting condition for sensor	Flush
Number of cores	3
Pressure-proof	-
Sensor diameter	6.5 mm
Sensor length	30 mm
Wire cross section	0.14 mm²

ELECTRICAL FEATURES

Cascadable	-
Correction factor (aluminum)	0.3
Correction factor (brass)	0.4
Correction factor (copper)	0.2
Correction factor (St37)	1
Correction factor (stainl. steel)	0.7
Hysteresis	15 %
No-load current	10 mA
Norm measuring plate	6.5x6.5x1
Rated switching current	100 mA
Readiness delay	50 ms
Relative repeat accuracy	2 %
Residual ripple	10 %
Reverse polarity protection	+
Short-circuit protection	+

ELECTRICAL FEATURES

Suitable for safety functions	-
Supply voltage	5 V ... 5 V
Switching distance	1.5 mm
Switching frequency	3000 Hz
Type of electrical connection	Cable
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	1 V
Voltage type	DC
With monitoring function of downstream devices	-

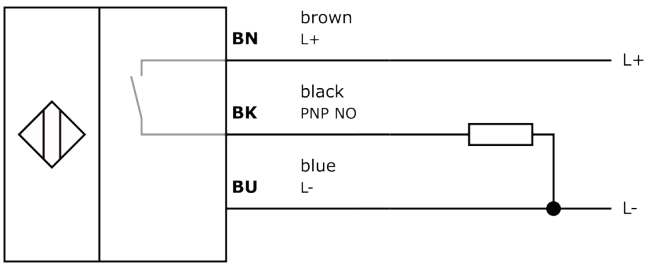
Other

Packaging dimensions	100mm x 7.0mm x 130mm
Shipping weight	0.01kg
Tariff code	85365019

Classification

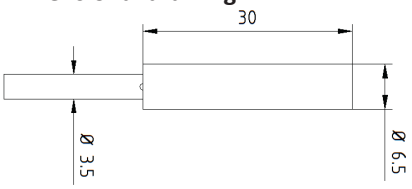
ipf product group	700
eClass 8.0	27270101
eClass 9.0	27270101
eClass 9.1	27270101
ETIM-5.0	EC002714
ETIM-6.0	EC002714
ETIM-7.0	EC002714

Connection



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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.