

INKF4300
INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

sensor inductive, Ø160mm 60long, Non-flush, Sn: 120, 20-250V AC,
Two-wire Anticoincidence, Cable 2m PVC, IP67, Aluminum / PTB


MECHANICAL FEATURES

Active area material of sensor	PBT
Alignment of cable entry	Axial
Ambient temperature	-25 °C ... 75 °C
Cable infeed	Axial
Cable length	2 m
Degree of protection (IP)	IP67
Design	Cylinder plain
Housing material	Aluminum / PTB
Material of cable sheath	PVC
Mechanical mounting condition for sensor	Non-flush
Number of cores	2
Pressure-proof	-
Sensor diameter	160 mm
Sensor length	60 mm

ELECTRICAL FEATURES

Cascadable	-
Correction factor (aluminum)	0.4
Correction factor (brass)	0.4
Correction factor (copper)	0.3
Correction factor (St37)	1
Correction factor (stainl. steel)	0.7
No-load current	2.5 mA
Rated switching current	400 mA
Reverse polarity protection	+
Suitable for safety functions	-
Supply voltage	20 V ... 250 V
Switching distance	120 mm
Switching frequency	10 Hz
Type of electrical connection	Cable
Type of switching function	Anticoincidence
Type of switching output	Two-wire
Voltage drop	6 V

ELECTRICAL FEATURES

Voltage type AC

With LED display +

With monitoring function of downstream devices -

OTHER FEATURES

Areas inquiry +

Other

Packaging dimensions 180mm x 75.0mm x 250mm

Shipping weight 2.2kg

Tariff code 85365019

Classification

ipf product group 203

eClass 8.0 27270101

eClass 9.0 27270101

eClass 9.1 27270101

ETIM-5.0 EC002714

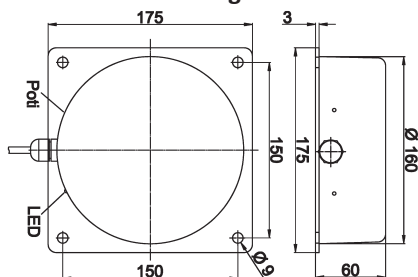
ETIM-6.0 EC002714

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.