IPF ELECTRONIC
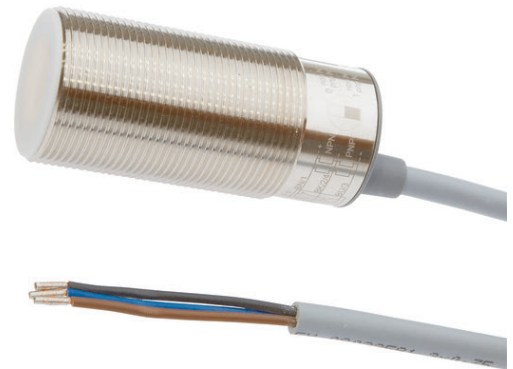
KB32A112
CAPACITIVE SENSORS • NORM SWITCHING DISTANCE

sensor capacitive, M32x1.5 70long, Flush, Sn: 2-25, 10-35V DC, PNP/
NPN Programmable/configurable, Cable 2m PVC, IP67, Brass, LED,
Manual adjustment

MECHANICAL FEATURES

Active area material of sensor	Polytetrafluorethylene (PTFE)
Ambient temperature	-25 °C ... 70 °C
Cable length	2 m
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing material	Brass
Material of cable sheath	PVC
Mechanical mounting condition for sensor	Flush
Number of cores	3
Pressure-proof	-
Sensor length	70 mm
Thread pitch	1.5 mm
Thread size, metric	32
Wire cross section	0.75 mm²

ELECTRICAL FEATURES

Cascadable	-
No-load current	15 mA
Rated switching current	400 mA
Residual ripple	10 %
Reverse polarity protection	+
Setting procedure	Manual adjustment
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 35 V
Switching distance	20 mm
Switching distance	2 mm ... 25 mm
Switching frequency	50 Hz
Type of electrical connection	Cable
Type of switching function	Programmable/configurable
Type of switching output	PNP/NPN
Voltage drop	2 V
Voltage type	DC

IPF ELECTRONIC

Data sheet KB32A112 • Subject to alteration! Version: 03.12.2020

ELECTRICAL FEATURES

With LED display	+
With monitoring function of downstream devices	-

OTHER FEATURES

Level detection	+
Level detection of synthetic granules for injection molding machines	+

Other

Packaging dimensions	124.0mm x 35.0mm x 149.0mm
Shipping weight	0.35kg
Tariff code	85365019

Classification

ipf product group	700
eClass 8.0	27270102
eClass 9.0	27270102
eClass 9.1	27270102
ETIM-5.0	EC002715
ETIM-6.0	EC002715
ETIM-7.0	EC002715

Connection

BN	brown	L+
BK	black	push-pull NO / NC programmable
BU	blue	L-
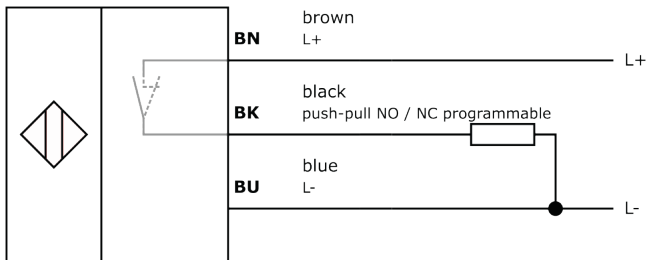
Dimensional drawing

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.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Proximity Sensors *category:*

Click to view products by IPF ELECTRONIC *manufacturer:*

Other Similar products are found below :

01.001.5653.1 70.340.1028.0 70.360.2428.0 70.364.4828.0 70.810.1053.0 72.360.1628.0 73.363.6428.0 8027AL20NL2CPXX FYCC8E1-2 9221350022 922AA2W-A9P-L PLS2 GL-12F-C2.5X10(LOT3) 972AB2XM-A3N-L 972AB3XM-A3P-L PS3251 980659-1 QT-12 E2E2-X5M41-M4 E2E-X14MD1-G E2E-X2D1-G E2EX2ME2N E2EX3D1SM1N E2E-X4MD1-G E2E-X5E1-5M-N E2E-X5Y2-N E2E-X7D1-M1J-T-0.3M-N E2K-F10MC1 5M EH-302 EI3010TBOP EI5515NPAP MS605AU EP175-32000 IFRM04N35B1/L IFRM04P1513/S35L IFRM06P1703/S35L IFRM08P1501/S35L IFRM12N17G3/L IFRM12P17G3/L IFRM12P3502/L IFRM12P37G1/S14L ILFK12E9189/I02 ILFK12E9193/I02 IMM2582C OISN-013 25.161.3253.0 25.332.0653.1 25.352.0653.0 25.352.0753.0 25.523.3253.0