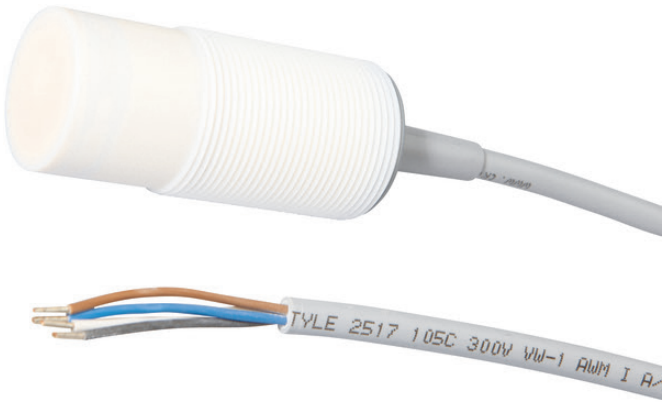
KN32A504

CAPACITIVE SENSORS • INCREASED AMBIENT TEMPERATURE

sensor capacitive, M32x1.5 70long, Non-flush, Sn: 1-40, 10-35V DC, 100°C, 2x PNP Anticoincidence, Cable 5m PUR (Polyurethane), IP67, PTFE, LED



MECHANICAL FEATURES

Ambient temperature	-25 °C ... 100 °C
Cable length	5 m
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing material	Polytetrafluorethylene (PTFE)
Increased ambient temperatures > 80°C	+
Material of cable sheath	PUR (Polyurethane)
Mechanical mounting condition for sensor	Non-flush
Number of cores	4
Pressure-proof	-
Sensor length	70 mm
Teflon housing	+
Thread pitch	1.5 mm
Thread size, metric	32
Wire cross section	0.5 mm²

ELECTRICAL FEATURES

Cascadable	-
No-load current	15 mA
Number of switching outputs	2
Rated control supply voltage Us at DC	10 V ... 35 V
Rated switching current	250 mA
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 35 V
Switching distance	25 mm
Switching distance	1 mm ... 40 mm
Switching frequency	50 Hz
Type of electrical connection	Cable
Type of switching function	Anticoincidence
Type of switching output	PNP
Voltage drop	2 V

ELECTRICAL FEATURES

Voltage type	DC
With LED display	+
With monitoring function of downstream devices	-

OTHER FEATURES

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

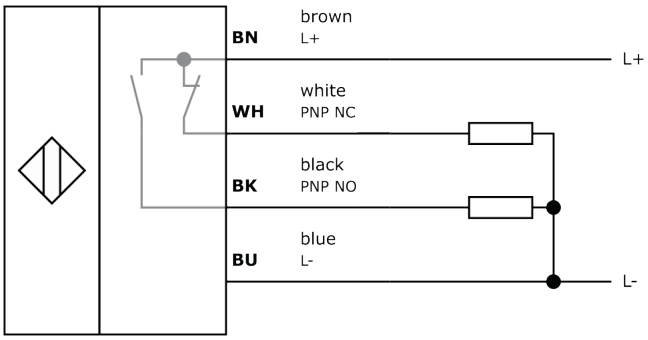
Other

Packaging dimensions	138.0mm x 95.0mm x 210mm
Shipping weight	0.51kg
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



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.

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