

MR07A713

MAGNETIC SENSORS • SENSORS FOR PNEUMATIC CYLINDERS

sensor magnetic, reed, 6.2mm T-groove, 6,3x30x6,2mm, 10-30V DC, 1x Dry reed contact NO, Cable connector M8 3pin 0.3m PUR (Polyurethane), IP67, Zinc die-cast, mounting Lateral, Packaging unit 100 (MR070174), Sensor surface position Center of the de...



MECHANICAL FEATURES

Ambient temperature	-25 °C ... 75 °C
Cable length	0.3 m
Degree of protection (IP)	IP67
Housing design	Cuboid
Housing material	Zinc die-cast
Increased ambient temperatures > 80°C	-
Material of cable sheath	PUR (Polyurethane)
Metal housing	+
Mounting access, cylinder groove	Lateral
Sensor height	6.3 mm
Sensor length	30 mm
Sensor surface position	Center of the device
Sensor width	6.2 mm
Strong vibration / motion	-
Version	6.2mm T-groove

ELECTRICAL FEATURES

Cross/short circuit identification possible	-
Hysteresis	1 mm
Low sensitivity	-
Low switching hysteresis	-
Number of pins	3
Number of switching outputs	1
Operating voltage	10 V ... 30 V
Rated switching current	100 mA
Reed contact	+
Relative repeat accuracy	1 mm
Reverse polarity protection	-
Setting via teach-in	-
Short-circuit protection	-
Suitable for safety functions	-
Switching frequency	500 Hz
Two switching points	-

ELECTRICAL FEATURES

Type of electrical connection	Cable connector M8
Type of switching function	Normally open contact
Type of switching output	Dry reed contact
Voltage drop	0.2 V
Voltage type	DC
With LED display	-
With monitoring function of downstream devices	-

OTHER FEATURES

Cylinder sensors	+
Cylinder version	With T-groove
Harsh environmental conditions	-
Metallic sensor surface	-
Oil and cooling lubricants	+
Packaging unit	100
Short travel path	-

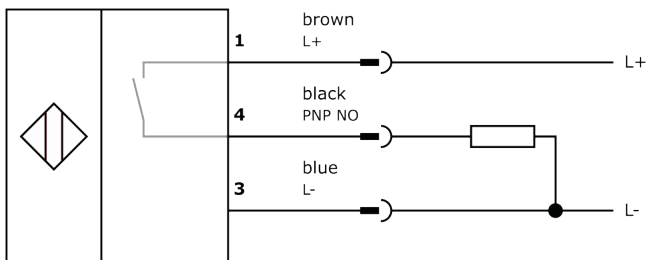
Other

Packaging dimensions	250mm x 0.0mm x 350mm
Shipping weight	0.67kg
Tariff code	85365019

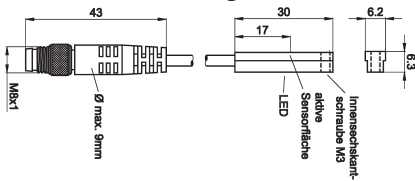
Classification

ipf product group	700
eClass 8.0	27270105
eClass 9.0	27270105
eClass 9.1	27270105
ETIM-5.0	EC002544
ETIM-6.0	EC002544
ETIM-7.0	EC002544

Connection



Dimensional drawing



Installation



Mounting / installation may only be carried out by a qualified electrician!

Disposal



Software

Any software, drivers or IOOD files that may be required to operate your device can be downloaded free of charge from our homepage: www.ipf-electronic.com

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.