

YM500170

Mechanical sensors • Impact sensors

sensor mechanical, 50x10x55mm, 10-35V DC, PNP NO (NO), Connector M8, IP67, Aluminum, Steel ball Ø3mm from a height of 20mm



Electrical features

Type of switching function	Normally open contact (NO)
Type of electrical connection	Connector M8
Type of switching output	PNP
Rated switching current	200 mA
Setting procedure	Manual adjustment
No-load current	15 mA
Switching frequency	100 Hz
Switching capacity	7 VA
Operating voltage (DC)	10 - 35 V

Mechanical features

Design	Cuboid
Width	55 mm
Height	50 mm
Length	10 mm
Mounting method	Screw mounting
Degree of protection (IP)	IP67
Active area material of sensor	steel
Housing material	Aluminum
Ambient temperature	-25 - 70 °C

Other features

Sensitivity	Steel ball Ø 3mm from 20mm height
-------------	-----------------------------------

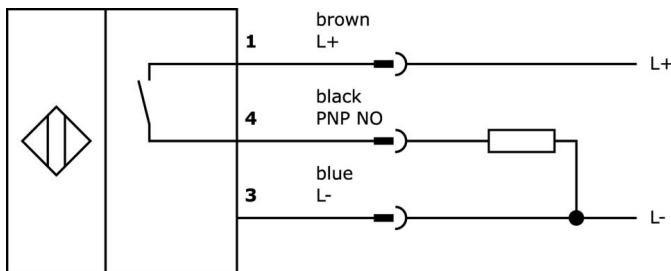
Classification

ETIM 8	EC001758 Glass breakage, vibration, structure-borne sound detector
--------	--

More

IPF Product Group	690 diverse sensors
packaging dimensions	123 x 77 x 25 mm
gross weight	120 g
Customs tariff number	85365019
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

Connection



Extract accessories program

VK003170



Cable socket, Angular, Suitable for self-assembly, Screw connection, Ø5mm, 4A, 60V, -40-85°C, M8 Female (socket) 3pin, IP67, Polyamide PA

VK003174



Cable socket, Straight, Suitable for self-assembly, Screw connection, Ø3.5-5mm, 4A, 60V, -40-85°C, M8 Female (socket) 3pin, IP67, Brass

VK200071



Connection cable, 2m, M8 Female (socket) 3pin Angular, Free conductor end, 3x0.34mm², PUR (Polyurethane), Ø4.3mm, 60V, -40-90°C, IP67, TPU, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

VK200075



Connection cable, 2m, M8 female (socket) 3pin Straight, free conductor end, 3x0.34mm², PUR (Polyurethane), Ø4.3mm, 60V, -30-90°C, IP67, suitable for trailing chain and torsion resistant, oil and cooling lubricants, welding area, Silicone-free

You can find further accessories on our homepage



Installation

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



Disposal

WEEE number according to § 6 para. 3 ElektroG: 40951076

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.