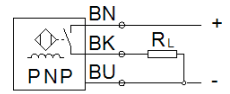


proximity sensor DADG-D-F8-16/20

Part number: 8072857

FESTO



Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Authorisation	RCM Mark c UL us (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Conforms to RoHS
Nominal switching distance	0.6 mm
Guaranteed switching distance	0.64 mm
Reduction factors	Aluminium = 0.55 Stainless steel, St 18/8 = 0.8 Copper = 0.5 Brass = 0.65 Steel, St 37 = 1.0
Ambient temperature	-25 ... 70 °C
Repetition accuracy	0.01 mm
Switch output	PNP
Switching element function	Normally open contact
Max. switching frequency	5,000 Hz
Max. switching frequency, DC	5,000 Hz
Max. output current	100 mA
Voltage drop	2 V
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 30 V
Residual ripple	10 %
Idle current	≤ 10 mA
Polarity protected	for all electrical connections
Electrical connection 1, connection type	Cable
Electrical connection 1, connection technology	Open end
Electrical connection 1, number of pins/wires	3
Cable length	2 m
Material cable sheath	TPE-U(PUR)
Size	M4
Mounting type	Tightened
Type of installation	flush
Product weight	26 g
Material housing	Steel
Protection class	IP67
PWIS conformity	VDMA24364 zone III