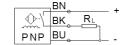
proximity sensor DADG-D-F8-25 Part number: 8072858







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	30 g	
Material housing	Steel	
Protection class	IP67	
PWIS conformity	VDMA24364 zone III	