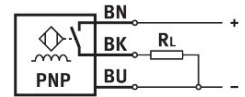


Proximity sensors DADG-D-F8-16/20

Part number: 807 2857

FESTO



Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Certification	RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
Note on materials	RoHS-compliant
Rated operating distance	0.6 mm
Assured operating distance	0.64 mm
Reduction factors	Aluminum = 0.55 Stainless steel St 18/8 = 0.8 Copper = 0.5 Brass = 0.65 Steel St 37 = 1.0
Ambient temperature	-25 °C...70 °C
Repetition accuracy	0.01 mm
Switching output	PNP
Switching element function	N/O contact
Max. switching frequency	5000 Hz
Max. switching frequency DC	5000 Hz
Max. output current	100 mA
Voltage drop	2 V
Short-circuit protection	Pulsed
DC operating voltage range	10 V...30 V
Residual ripple	10 %
Idle current	10 mA
Reverse polarity protection	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 of cable sheath	TPE-U(PUR)
Size	M4
Type of mounting	Screwed tightly

Feature	Value
Mounting type	Flush
Product weight	26 g
Housing material	Steel
Degree of protection	IP67
LABS (PWIS) conformity	VDMA24364 zone III