

Proximity switch DADG-D-F8-16/20

Part number: 8072857

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Symbol	00991702
Approval	RCM trademark
CE mark (see declaration of conformity)	To 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	Aluminium = 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 current rating	Pulsed
Operational voltage range DC	10 V ... 30 V
Residual ripple	10 %
No-load supply current	≤10 mA
Reverse polarity protection	For all electrical connections
Electrical connection 1, connection type	Cable
Electrical connection 1, connector system	Open end
Electrical connection 1, number of connections/cores	3
Cable length	2 m
Material cable sheath	TPE-U(PUR)
Size	M4
Type of mounting	Screw-clamped
Mounting type	Flush
Product weight	26 g
Material housing	Steel
Degree of protection	IP67

Feature	Value
LABS (PWIS) conformity	VDMA24364 zone III