

# 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
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