122FW12-4



Actual product appearance may vary.

100FW series, Unshielded 3-wire DC Sinking (NPN), N.O. proximity sensor, 0.625 in cylindrical housing , 20 ga, MIL-W-16878/4 wire. Nominal sensing distance of 5,84 mm ± 0,76 mm [.23 in ± .03 in]

Product Specifications

Packaging	One Piece Sensor
Sensor Type	Harsh Environment
Weight	85 g [3.19 oz]
Shape	Cylindrical
Dimension	5/8 in (24 UNEF Thread)
Technology	ECKO
Operating Frequency	500 Hz
Load Current	120 mA, 50 mA lamp
Supply Current	20mA max. @ 25 °C
Housing Material	Stainless Steel
Sensing Face	Unshielded
Guaranteed Actuation Distance	5 mm to 10 mm [0.197 in to 0.394 in]
Operating Temperature	-55 °C to 125 °C [-67 °F to 257 °F]
Shock	MIL-STD-810B Method 516: 100 g 1 m sec
Vibration	25 g peak sinusoidal
Supply Voltage	18.0 Vdc to 32.0 Vdc
Short Circuit	Yes
Circuit Protection	Transients, MIL-STD-704, False Pulse, Load Shorts, EMI, MIL-STD-461A, Reverse Voltage, 400 Hz interference
Comments	Nominal sensing distance measured w ith target 15,87 mm [.625 in] diameter x 1,57 mm [.062 in] thick SAE 1020 steel.
Availability	Global
UNSPSC Code	41111926
UNSPSC Commodity	41111926 Proximity sensors
Termination	Leadw ire, 20 ga, MIL-W-16878/4 w ire
Repeatability	± 1%
Standard Target Size	15,9 mm dia x 1,59 mm [.63 in dia x .06 in]
Leakage Current	10 µA (µA max.)
Sensing Face Material	High Temperature Phenolic
Voltage Drop	
Output Type	Normally Open, Current Sinking
Series Name	100 FW