

# Proximity Sensors

200FW Series

## Severe Environment Proximity Sensors 3-Wire DC Magnetic Field Sensitive Type

### FEATURES

- Hall effect, magnetic field sensitive
- Designed for aircraft, ordnance, marine, mass transit, high performance industrial equipment
- Stainless steel housing, thick wall construction for effective shielding
- Leadwire or connector termination
- Factory Mutual certified for Class I, Division 2, Groups A, B, C, D
- Circuit protection against:
  - Transients, MIL-STD-704
  - False pulse
  - Reverse voltage
  - 400 Hz interference



### ORDER GUIDE

Sensor Package Style	Sensing Range mm (in.)*	Sensor Type	LED	Sw. Freq.	Output Type	Termination	Catalog Listing
5/8-24 UNEF Thread	2,41 to 11,4 (.095 to .450) Shielded	3-wire DC	NO	1.5 kHz	NPN, N.O.	Connector Leadwires	212FW10-R 212FW10-4
					NPN, N.C.	Connector Leadwires	211FW10-R 211FW10-4

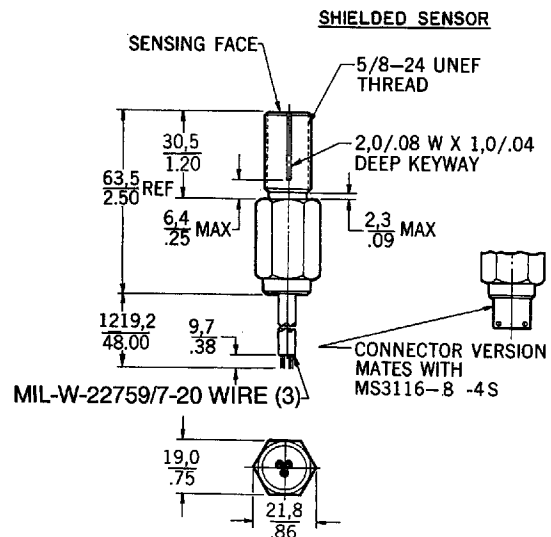
\*With 101MG7 magnet, available from MICRO SWITCH. Characteristics can be varied by using different magnets as actuators.

### SPECIFICATIONS

Sensor Type	3-wire DC
Supply Voltage	18-32 VDC
Lead Current	100 mA, 50 mA Lamp
Leakage Current, max.	10 $\mu$ A
Voltage Drop, max.	0.4 V
Current Consumption, max.	25 mA
Operate Gauss, max.	550
Release Gauss, min.	125
Repeatability	$\pm$ 1%
Hysteresis	175 Gauss
Temperature Range	-54 to +105°C (-65 to +212°F)
Sensing Face Material	Stainless steel
Housing Material	Stainless Steel

### MOUNTING DIMENSIONS

(For reference only)



Proximity

www.DataSheet4U.com