

WSI-0803-FD2Z



Inductive proximity sensor

DESIGN FAMILY **HYPERLIFE**

- Weld-immune
- M8 x 45mm



DIMENSIONS

M8

M8 x 45mm

Dimensional drawing to follow

PINOUT

BN

BK

BU

V+

OUT

V-

OUTPUT

BN

BK

BU

1

4

3

+

S

npn

CERTIFICATIONS

Technical data			
Electrical features		Mechanical features	
Supply Voltage	10–30 VDC	Form Factor	M8
No-Load Current	≤10 mA	Dimensions (mm)	M8 x 45mm
Max Output Current	≤200 mA	Mounting	Flush
Voltage Drop	≤2 V	Material (body)	304 Stainless
Output Circuit	NPN	Material (Face)	HYPERFACE
Output Normal State	N.O.	Coating	ACTIVSTONE
Switching Frequency	15 kHz	Coating Type	Z
Sensing performance		Connection	
Rated Sensing Distance (Sn)	3 mm	Cable Sheath Outer	ACTIVFLEX TUBULAR
Correction Factors (Steel=100%)	Steel 100% Stainless St 70%, Al 100%	Cable Length	2m
Factor 1	YES	Cable Exit Direction	Straight
Hysteresis	3–15%	LED on Sensor	YES
Repeat Accuracy	≤0.15 mm	Environmental	
SENSING TARGETS PRACTICALITY	Steel, Aluminum	Operating Temperature	-25...+85°C
		Protection Class	IP67–IP69K

Weld Dynamix, Inc. Orangevale, California (916) 850-5031 · www.welddynamix.com

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