

WSI-0803-SD2Z



Inductive proximity sensor

DESIGN FAMILY STD

- Weld-immune
- M8 x 45mm



DIMENSIONS

M8

M8 x 60mm

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 60mm
Max Output Current	≤200 mA	Mounting	Flush
Voltage Drop	≤2 V	Material (body)	304 Stainless
Output Circuit	NPN	Material (Face)	304 Stainless
Output Normal State	N.O.	Coating	ACTIVSTONE
Switching Frequency	15 kHz	Coating Type	ZG
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

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