

WSI-0803HL-FDAZ



Inductive proximity sensor

DESIGN FAMILY **HYPERLIFE**

- Weld-immune
- M8 x 45mm



DIMENSIONS

M8

M8 x 45mm

Dimensional drawing to follow

PINOUT

1 BN

4 BK

3 BU

OUTPUT

BN 1

BK 4

BU 3

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	Connector Type	M12
Correction Factors (Steel=100%)	Steel 100% Stainless St 70%, Al 100%	Connector Material	FEP over METAL
Factor 1	YES	Cable Sheath Outer	FLEXLINC DOUBLELOC STAINLESS
Hysteresis	3–15%	Cable Length	0.5m
Repeat Accuracy	≤0.15 mm	Cable Exit Direction	Straight
SENSING TARGETS PRACTICALITY	Steel, Aluminum	LED on Sensor	NO
Environmental		LED on Connector	YES
Operating Temperature	-25...+85°C	Connector LED Color	AMBER
Protection Class	IP67–IP69K		