

WSI-3020-FSAA+



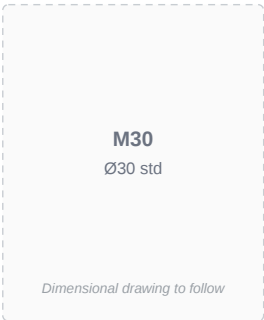
Inductive proximity sensor

DESIGN FAMILY MIG+

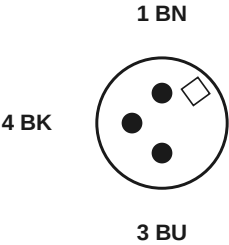
- Weld-immune
- WFI PARAMETERS



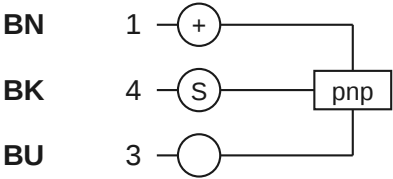
DIMENSIONS



PINOUT



OUTPUT



CERTIFICATIONS



Technical data			
Electrical features		Mechanical features	
Supply Voltage	10–30 VDC	Form Factor	M30
No-Load Current	≤10 mA	Dimensions (mm)	Ø30 std
Max Output Current	≤200 mA	Mounting	Flush
Voltage Drop	≤2 V	Material (body)	304 Stainless
Output Circuit	PNP	Material (Face)	HYPERFACE
Switching Frequency	~125–400 Hz	Coating	ACTIVSTONE
Response Time	124ms	Coating Type	Z
Sensing performance		Connection	
Rated Sensing Distance (Sn)	19.7mm	Connector Type	M12
Correction Factors (Steel=100%)	Steel=1 Cu=0.9...	Connector Material	FEP over METAL
Hysteresis	3–15%	Cable Sheath Outer	FLEXLINC DOUBLELOC STAINLESS
Repeat Accuracy	≤0.7 mm	Cable Length	0.5m
SENSING TARGETS PRACTICALITY	Steel, Aluminum	Cable Exit Direction	45deg
Environmental		LED on Sensor	YES
Operating Temperature	-25...+85°C	LED on Connector	YES
Protection Class	IP67–IP69K	Connector LED Color	AMBER