

WSI-1810-SAAH



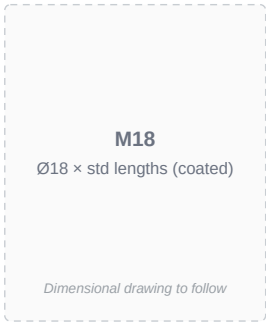
Inductive proximity sensor

DESIGN FAMILY STD

- Weld-immune
- WFI ELECTRONICS



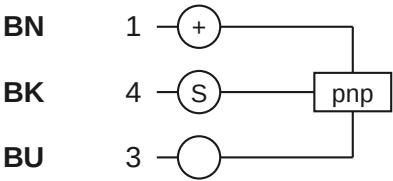
DIMENSIONS



PINOUT



OUTPUT



CERTIFICATIONS



Technical data			
Electrical features		Mechanical features	
Supply Voltage	10–30 VDC	Form Factor	M18
No-Load Current	≤10 mA	Dimensions (mm)	Ø18 × std lengths (coated)
Max Output Current	≤200 mA	Mounting	Flush
Voltage Drop	≤2.0 V	Material (body)	304 Stainless
Output Circuit	PNP	Material (Face)	HYPERFACE
Output Normal State	N.O.	Coating	ACTIVSTONE
Switching Frequency	≤15 Hz	Coating Type	SX
Response Time	32ms	Connection	
Sensing performance		LED on Sensor	YES
Rated Sensing Distance (Sn)	10 mm	Environmental	
Correction Factors (Steel=100%)	Steel=1 Cu=0.85 Al=1 Brass=1.3 SS=0.4/0.8	Operating Temperature	-25...+85°C
Factor 1	YES	Protection Class	IP68 / IP69K
Hysteresis	3–15%		
Repeat Accuracy	≤0.5 mm		
SENSING TARGETS PRACTICALITY	Steel, Aluminum		