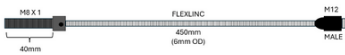


WSI-1204HL-FG2Z



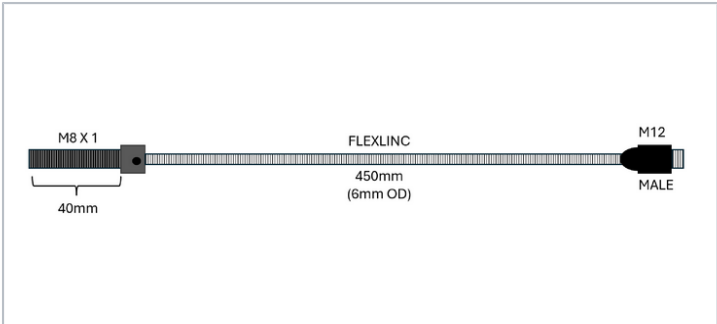
WSI-1204HL-FG2Z



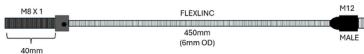
Inductive proximity sensor

DESIGN FAMILY STD

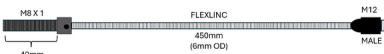
- Increased operating distance (4 mm)
- Built-in yellow LED
- Short-circuit protection
- Induction protection
- Non-polarized 2-wire
- Short housing versions available
- EMC protected (IEC 60947-5-2)
- Available in standard (50/60 mm) and short (35/45 mm) housing versions
- Cable and S12 connector options
- N.O. and N.C. polarity versions



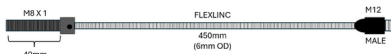
DIMENSIONS



PINOUT



OUTPUT



CERTIFICATIONS



Technical data			
Electrical features		Mechanical features	
Supply Voltage	10 ... 65 VDC	Form Factor	M12 threaded barrel
No-Load Current	≤ 0.6 mA	Dimensions (mm)	M12 × 35 mm
Max Output Current	100 mA	Mounting	Flush
Voltage Drop	≤ 5.0 V at 100 mA	Material (body)	Brass
Output Circuit	DC 2-wire	Material (Face)	HYPERFACE
Switching Frequency	≤ 2,000 Hz	Coating	ACTIVSTONE
Response Time	< 0.5 ms	Coating Type	Z
Sensing performance		Connection	
Rated Sensing Distance (Sn)	4 mm	Cable Jacket Material	PVC
Correction Factors (Steel=100%)	Steel FE 360: 100% Aluminum: 35%	Cable Sheath Inner	2 × 0.34 mm²
Factor 1	YES	Cable Sheath Outer	FLEXLINC DOUBLELOC STAINLESS
Hysteresis	10% Sr typ.	Cable Length	2m
Repeat Accuracy	0.2 mm	Cable Exit Direction	Straight
SENSING TARGETS PRACTICALITY	Steel	LED on Sensor	YES
Weld Field Immunity (WFI)	NO	LED on Connector	NO
Environmental		Connector LED Color	YELLOW
Operating Temperature	-25 ... +70 °C		
Protection Class	IP 67		