

Model Number

SJ15-WS

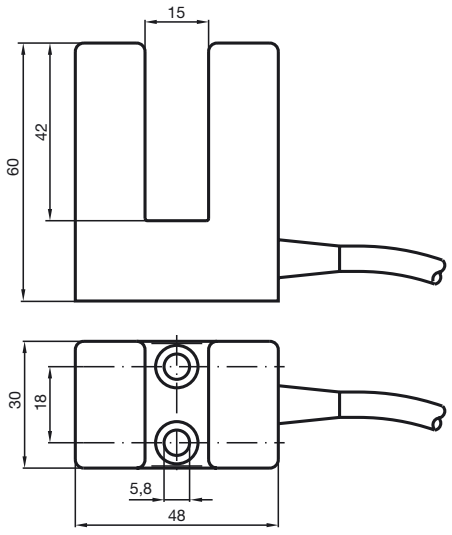
Features

- **15 mm slot width**
- **2-wire AC**

Technical Data

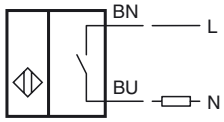
General specifications		
Switching function		Normally open (NO)
Output type		Two-wire
Slot width		15 mm
Depth of immersion (lateral)		18.5 ... 20.5 mm
Output polarity		AC
Output type		2-wire
Nominal ratings		
Operating voltage	U_B	20 ... 253 V AC
Switching frequency	f	0 ... 25 Hz
Hysteresis	H	typ. 5%
Voltage drop	U_d	Typ. 4 V at 40 ... 500 mA load current Typ. 5 V at 15 ... 40 mA load current Typ. 7 V at 5 ... 15 mA load current
Voltage drop at I_L		
Voltage drop I_L = 200 mA, switching element on U_d		3.5 V
Momentary current (20 ms, 0.1 Hz)		≤ 4000 mA
Operating current	I_L	5 ... 500 mA
Off-state current	I_r	≤ 2 mA
Functional safety related parameters		
$MTTF_d$		1553 a
Mission Time (T_M)		20 a
Diagnostic Coverage (DC)		0 %
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cable PVC , 2 m
Core cross-section		0.75 mm^2
Housing material		PBT
Degree of protection		IP67
Note		[1] In the temperature range below 0 °C, permissible operating voltage U_b 80...253 V Safety fuse ≤ 2 A (quick-blow) according to IEC 60127-2 Sheet 1 Recommendation: after a short circuit, check that the device is functioning correctly.
Compliance with standards and directives		
Standard conformity		
Standards		EN 60947-5-2:2007 EN 60947-5-2/A1:2012 IEC 60947-5-2:2007 IEC 60947-5-2 AMD 1:2012
Approvals and certificates		
UL approval		cULus Listed, General Purpose
CSA approval		cCSAus Listed, General Purpose
CCC approval		Certified by China Compulsory Certification (CCC)

Dimensions



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Electrical Connection



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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".
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