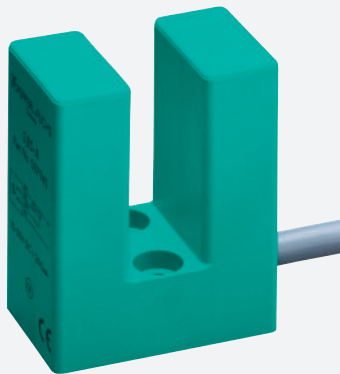




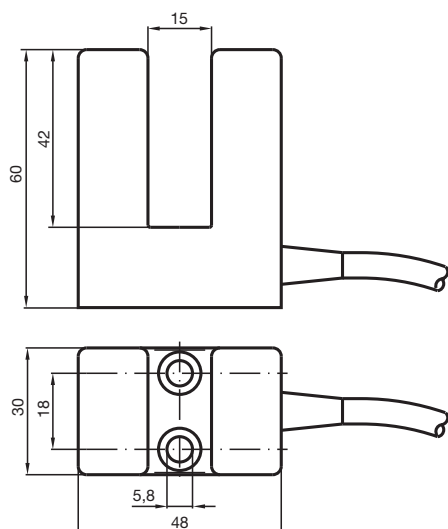
Inductive slot sensor

SJ15-A-5M

- 15 mm slot width
- 4-wire DC



Dimensions



Technical Data

General specifications

Switching function	complementary	
Output type	NPN	
Slot width	15 mm	
Depth of immersion (lateral)	17 ... 20 mm	
Output polarity	DC	
Output type	4-wire	

Nominal ratings

Nominal voltage	U_o	8 V
Operating voltage	U_B	10 ... 30 V DC
Switching frequency	f	0 ... 500 Hz
Reverse polarity protection	reverse polarity protected	
Short-circuit protection	pulsing	

Technical Data

Voltage drop	U_d	$\leq 3 \text{ V}$
Operating current	I_L	0 ... 200 mA
No-load supply current	I_0	$\leq 20 \text{ mA}$
Compliance with standards and directives		
Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007
Approvals and certificates		
UL approval		cULus Listed, General Purpose
CSA approval		cCSAus Listed, General Purpose
CCC approval		CCC approval / marking not required for products rated $\leq 36 \text{ V}$
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cable PVC , 5 m
Core cross-section		0.75 mm ²
Housing material		PBT
Degree of protection		IP67

Connection

