

IS series

Inductive switches with free cable end



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Drawing	Sensor type	Sn ST 37	Order No.
	IS-M4-22-06	0.6 mm	6604-22060-0000
	IS-4-25-1,5	1.5 mm	6604-25150-0000
	IS-M5-25-1,5	1.5 mm	6605-25150-0000
	IS-6,5-16-1,5	1.5 mm	6606-16150-0000
	IS-6,5R-16-1,5	1.5 mm	6606-16159-0000
	IS-M8-10-1,5	1.5 mm	6608-10150-0000
	IS-M8-16-1,5	1.5 mm	6608-16150-0000
	IS-M8-32-1,5	1.5 mm	6608-32150-0000
	IS-M8-45-3	3 mm	6608-45300-0000
	IS-M12-31-4	4 mm	6612-31400-0000
	IS-M12-50-6	6 mm	6612-50600-0000
	IS-M18-50-12	12 mm	6618-50120-0000

Specifications

Operating voltage	10 – 30 VDC, polarity protected
Current consumption	max. 10 mA (idle running)
Mode of operation	static
Output	PNP, length: 2.5 – 3 m
Function	normally open (NO)
Load current	200 mA short-circuit proof
Repeating accuracy	$R \leq 5\%$ of S_r , with S_r = real switching distance
Reduction factor for S_n , with S_n = nominal switching distance	V2A: appr. 0.85 AL: appr. 0.4 Cu: appr. 0.3
Frequency	max. 3 KHz, depending on type
Temperature range	0°C – 70°C
EMC according to 2014/30/EU	EN 61000... CE
System of protection	IP 65

Pin configuration

brown	(+)	
black	(A)	
blue	(-)	PNP

Accessories (more accessories, see last pages)

Article	Order No.
Cylinder plug RS-5	1200-00006-0874
Mounting block AS 10-5	2306-00000-0005