

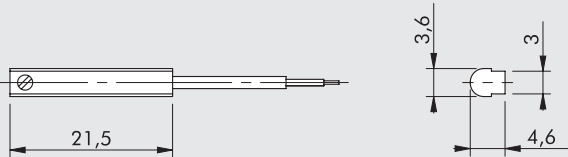
SENSOR Ø 4

ACTUATORS

SENSOR Ø 4

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Code	Description
W0950044180	Sensor REED 2 wires 2.5 m robotics
W0950045390	Sensor HALL 3 wires 2.5 m robotics



TECHNICAL DATA			
		REED	HALL EFFECT
Type of contact		N.O.	N.O.
Switch		-	PNP
Supply voltage (Ub)	V	3 to 30 AC/DC	6 to 30 DC
Power (resistive load)	W	6	6
Voltage drop	V	< 3	< 1
Input current	mA	-	≤ 10
Output current	mA	≤ 200	≤ 200
Switching frequency	Hz	≤ 500	≤ 200000
Short-circuit protection		-	-
Over-voltage suppression		-	-
Polarity inversion protection		-	Yes
EMC		EN 60 947-5-2	EN 60 947-5-2
LED display		Yellow	Yellow
Magnetic sensitivity		2.3 mT ± 10%	2.8 mT ± 25%
Repeatability		≤ 0.1 mT	≤ 0.1 mT
Degree of protection (EN 60529)		IP 67	IP 67
Operating life		10 ⁷ impulses	10 ⁹ impulses
Temperature range	°C	-10 to +60	-10 to +60
Sensor capsule material		PET + AISI 303	PET + AISI 303
2.5 m connecting cable		Polyurethane; 2 x 0.13 mm ²	Polyurethane; 3 x 0.13 mm ²
Wire NO.		2	3
Certifications		CE UL	CE UL
Cable test conditions:	bending	> 5.000.000 cycles (bending radius 28 mm)	
	torsion	> 350.000 cycles (± 270°/0.1 mm)	

WIRING DIAGRAM

