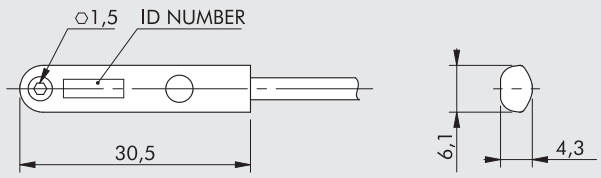
RETRACTABLE SENSOR, TYPE OVAL

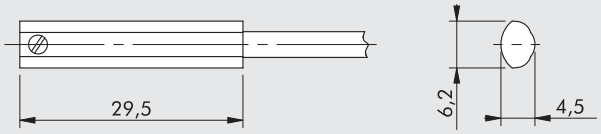
Traditional sensor, featuring:
- the sensor is inserted into the slot from the narrowest side and then rotated into the fixing position;
- fixing using a screw that is pressed against the bottom of the T-slot to cause the sensor to rest on the narrowest part of the T-slot;
- fixing screw suitable for a 1.5 mm Allen wrench;
- compatible for use with traditional T-slots.

TECHNICAL DATA			
		REED	HALL EFFECT
Type of contact		N.O.	N.O.
Switch		-	PNP
Supply voltage (Ub)	V	10 to 30 AC/DC	10 to 30 DC
Power	W	3 (peak valve = 6)	3
Voltage variation		-	≤ 10% of Ub
Voltage drop	V	-	≤ 2
Input current	mA	-	≤ 10
Output current	mA	≤ 100	≤ 100
Switching frequency	Hz	≤ 400	≤ 5000
Short-circuit protection		-	Yes
Over-voltage suppression		-	Yes
Polarity inversion protection		-	Yes
EMC		EN 60 947-5-2	EN 60 947-5-2
LED display		Yellow	Yellow
Magnetic sensitivity		2.8 mT ± 25%	2.8 mT ± 25%
		1.9 mT ± 20% (for HS)	2.1 mT ± 20% (for HS)
Repeatability		≤ 0.1 mT	≤ 0.1 mT
Degree of protection (EN 60529)		IP 67	IP 67
Vibration and shock resistance		30 g, 11 ms, 10 to 55 Hz, 1 mm	30 g, 11 ms, 10 to 55 Hz, 1 mm
Operating life		10^7 impulses	10^9 impulses
Temperature range	°C	-25 to +75	-25 to +75
Sensor capsule material		PA66 + PA6I/6T	PA66 + PA6I/6T
2.5 m/2 m connecting cable		PVC; 2 x 0.12 mm²	PVC; 3 x 0.14 mm²
Connecting cable with M8x1		Polyurethane; 2 x 0.14 mm²	Polyurethane; 3 x 0.14 mm²
Wire NO.		2	3
Certifications		CE	CE
ROBOTICS VERSIONS			
2.5 m / 300 mm connecting cables		Polyurethane; 2 x 0.14 mm²	Polyurethane; 3 x 0.14 mm²
Cable test conditions:	bending	> 5.000.000 cycles (bending radius 29 mm)	
	torsion	> 350.000 cycles (± 270°/0.1 mm)	

METAL WORK PNEUMATIC

OVERALL DIMENSIONS AND ORDERING CODES



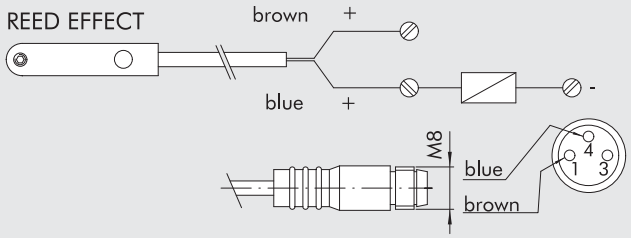


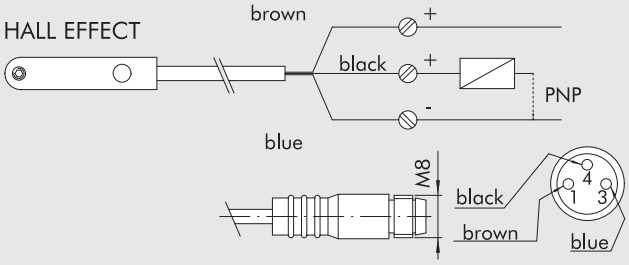
Code	Description	ID Number
W0952025390	HALL N.O. sensor, OVAL, 2.5 m	CE32MP
W0952225390	HALL N.O. sensor, OVAL, 2.5 m robotics	CE32MPR
W0952029394	HALL N.O. sensor, OVAL, 300 mm M8 robotics	CE3M8P
W0952022180	REED N.O. sensor, OVAL, 2.5 m	CR22M
W0952222180	REED N.O. sensor, OVAL, 2.5 m robotics	CR22RM
W0952028184	REED N.O. sensor, OVAL, 300 mm M8 robotics	CR2M8
W0952025500*	HALL N.O. sensor, OVAL, HS 2.5 m	-
W0952029504*	HALL N.O. sensor, OVAL, HS 300 mm M8	-
W0952022500*	REED N.O. sensor, OVAL, HS 2.5 m	-
W0952128184*	REED N.O. sensor, OVAL, HS 300 mm M8	-

*** For use on the rodless cylinder "V" guide Ø25 or when standard sensors do not detect the magnet, e.g. near metal masses.**

Note: Individually packed

WIRING DIAGRAM





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