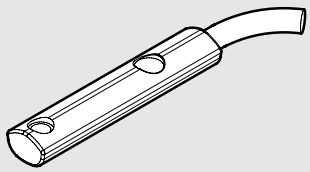
RETRACTABLE SENSOR WITH INSERTION FROM ABOVE

Code	Description
W0952025390	HALL N.O. sensor, vertical insertion 2.5 m
W0952029394	HALL N.O. sensor, vertical insertion 300 mm M8
W0952022180	REED N.O. sensor, vertical insertion 2.5 m
W0952028184	REED N.O. sensor, vertical insertion 300 mm M8
W0952125556	HALL N.O. sensor, vertical insertion 2 m ATEX
W0952025500*	HALL N.O. sensor, vertical insertion HS 2.5 m
W0952029504*	HALL N.O. sensor, vertical insertion HS 300 mm M8
W0952022500*	REED N.O. sensor, vertical insertion HS 2.5 m
W0952128184*	REED N.O. sensor, vertical insertion HS 300 mm M8



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

TECHNICAL DATA

				ATEX
		REED	HALL EFFECT	HALL EFFECT
Type of contact		N.O.	N.O.	N.O.
Switch		-	PNP	PNP
Supply voltage (Ub)	V	10 to 30 AC/DC	10 to 30 DC	18 to 30 DC
Power	W	3 (peak valve = 6)	3	≤ 1.7
Voltage variation		-	≤ 10% of Ub	≤ 10% of Ub
Voltage drop	V	-	≤ 2	≤ 2.2
Input current	mA	-	≤ 10	≤ 10
Output current	mA	≤ 100	≤ 100	≤ 70
Switching frequency	Hz	≤ 400	≤ 5000	1000
Short-circuit protection		-	Yes	Yes
Over-voltage suppression		-	Yes	Yes
Polarity inversion protection		-	Yes	Yes
EMC		EN 60 947-5-2	EN 60 947-5-2	EN 60 947-5-2
LED display		Yellow	Yellow	Yellow
Magnetic sensitivity		2.8 mT ± 25%	2.8 mT ± 25%	2.6
		1.9 mT ± 20% (for HS)	2.1 mT ± 20% (for HS)	-
Repeatability		≤ 0.1 mT	≤ 0.1 mT	≤ 0.1 mT (Ub and ta fixed)
Degree of protection (EN 60529)		IP 67	IP 67	IP 68, IP 69K
Vibration and shock resistance		30 g, 11 ms, 10 to 55 Hz, 1 mm	30 g, 11 ms, 10 to 55 Hz, 1 mm	30 g, 11 ms, 10 to 55 Hz, 1 mm
Temperature range	°C	-25 to +75	-25 to +75	-20 to +45
Sensor capsule material		PA66 + PA6I/6T	PA66 + PA6I/6T	PA
2.5 m/2 m connecting cable		PVC; 2 x 0.12 mm²	PVC; 3 x 0.14 mm²	PVC; 3 x 0.12 mm²
Connecting cable with M8x1		Polyurethane; 2 x 0.14 mm²	Polyurethane; 3 x 0.14 mm²	-
Wire NO.		2	3	3
Category ATEX		-	-	Ex II 3G EEx nA II T4 X/Ex II 3D T1 35°C IP 67
Certifications		CE	CE	CE c UL us Ex

WIRING DIAGRAM

