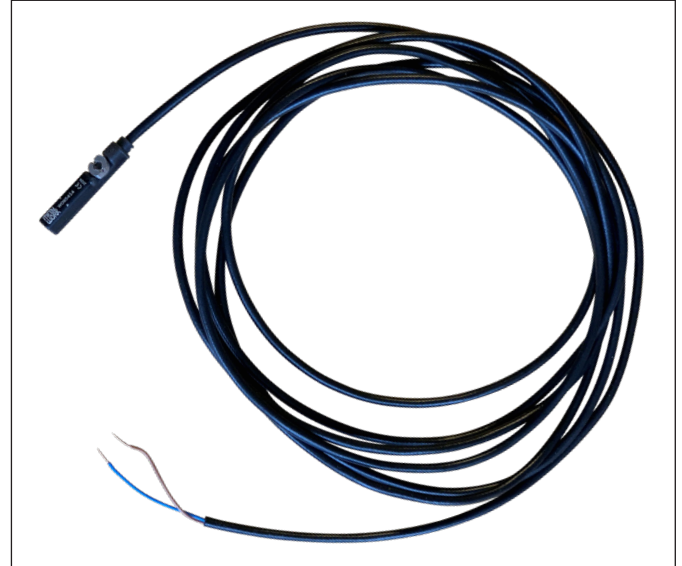




CYLINDER SENSOR, SQUARE TYPE

SPDA-08

TECHNICAL DATA		RZT7
Type of contact		REED
Switch		N.O.
Supply voltage (U _b)	V	5 to 30 AC/DC
Power	W	3 (peak value = 6)
Voltage variation		-
Voltage drop at I _{max}	V	≤ 3.5
Input current	mA	-
Output current	mA	≤ 100
Switching frequency	Hz	≤ 400
Short-circuit protection		-
Over-voltage suppression		-
Polarity inversion protection		-
EMC		EN 60 947-5-2
LED display		Yellow
Magnetic sensitivity	mT	2.1 - 3.5
Repeatability	mT	≤ 0.1
Degree of protection (EN 60529)		IP 67
Vibration and shock resistance		
Operating life		10 ⁷ impulses
Temperature range	°C	
with polyurethane cable		-30 to 80 (static installation) / -20 to 80 (dynamic installation)
with PVC cable		-30 to 80 (static installation) / -5 to 80 (dynamic installation)
Sensor capsule material		PA
2.5 m/2 m connecting cable		PVC; 2 x 0.12 mm ²
Connecting cable with M8x1		Polyurethane; 2 x 0.14 mm ²
Wire NO.		2
Category ATEX		-
Certifications		CE
ROBOTICS VERSIONS		
Angle of twist		±270° / 10 cm
No. of cycles torsion		> 350.000 (±270° / 0.1 mm)
Bending cycles		> 5 Mio (bending radius 29 mm)
Maximum acceleration	m/s ²	max 5
Maximum traverse speed at 5 m horizontal path	m/min	max 200



WIRING DIAGRAM

