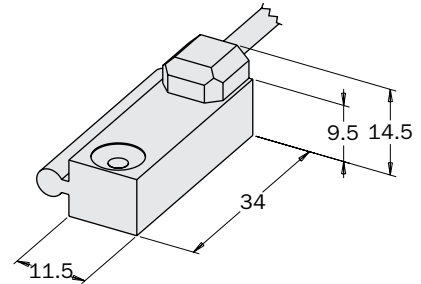


Magnetic sensors for tie-rod cylinders

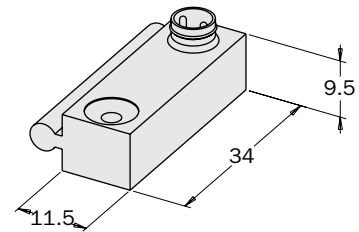
- Reed or GMR sensors.
- PNP or NPN logic output for magnetoresistive sensors.
- No problems in case of vibrations.
- Cable, SNAP or M12 connector output.
- 100% traceability.
- Optional 2.5m, 5m and 10m cable extensions.
- Axial mounting.



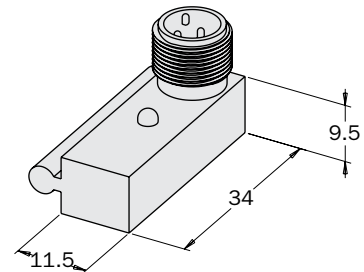
Sensor with cable



Sensor with SNAP connector



Sensor with M12 male connector



Dimensions (mm)

Application examples



Sensor with cable	SM1C525-G	SM4D225-G	SM4N225-G	SM4M225-G
Sensor with SNAP connector	SM2C5-G	SM3D2-G	SM3N2-G	SM3M2-G
Sensor with M12 male connector	SM5C5-G	SM6D2-G	SM6N2-G	SM6M2-G
Price	Call Gimatic USA \$16.56 Call Gimatic USA	Call Gimatic USA	\$41.66 \$25.15 \$31.06	Call Gimatic USA
Sensor type	2-wire reed Normally Open	3-wire reed Normally Open	Magneto-resistive PNP Normally Open	Magneto-resistive NPN Normally Open
Power supply	3÷250 Vac/dc	3÷30 Vac/dc	6÷30 Vdc	
Switching current	0.5 A	1 A	0.25 A	
Power rating (Ohmic load)	10 W		6 W	
Nominal switching point	25÷30 AT		15±5 Gauss	
ON-OFF differential	5÷10 AT		4÷7 Gauss	
ON switching time	0.5 ms			
OFF switching time	0.5 ms			
Operating temperature	-10÷70°C			
Switching frequency	500 kHz		200 kHz	
Electric service life	10 ⁷ imp.		10 ⁹ imp.	
Piston speed	10 m/s			
Reverse polarity protection	Yes			
Protection rating	IP 67			
Sensor body material	PA; AISI 303; OT63			
Standard cable length	2.5 m (flying cable) 0.3 m (cable with M8 connector)			
Sheathing - insulation	PVC CEI 20-22II O.R.			
Leads	0.25 mm ² / AWG 24 / 32 x 0.10 mm ²			
M8 connector material	PUR / gold-plated brass			
CE reference standards	CEI EN 60529; CEI EN 60947-5-2; CEI EN 61000-6-2; CEI EN 61000-6-3; CEI EN 55022; CEI EN 61000-4-2; CEI EN 61000-4-3; CEI EN 61000-4-4; CEI EN 61000-4-5; CEI EN 61000-4-6; CEI EN 61000-4-8; CEI EN 61000-4-11			
Wiring diagrams				
Connections			Brown BN(+); Blue BU(-); Black BK (OUT)	