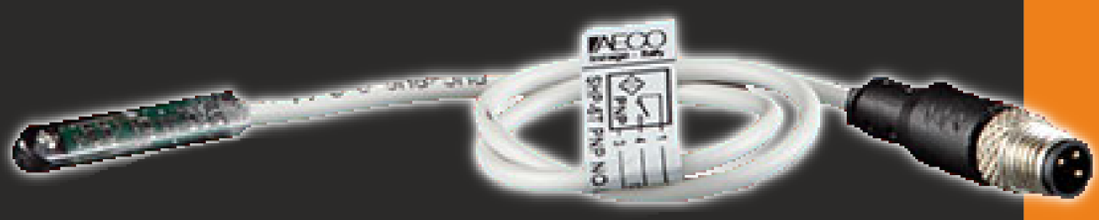
AECO®

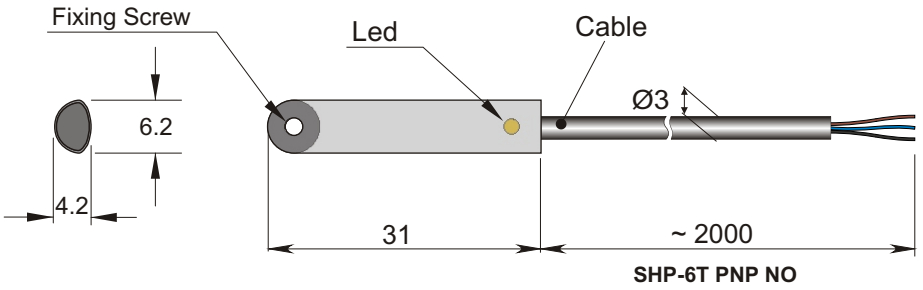
MORE THAN SENSORS



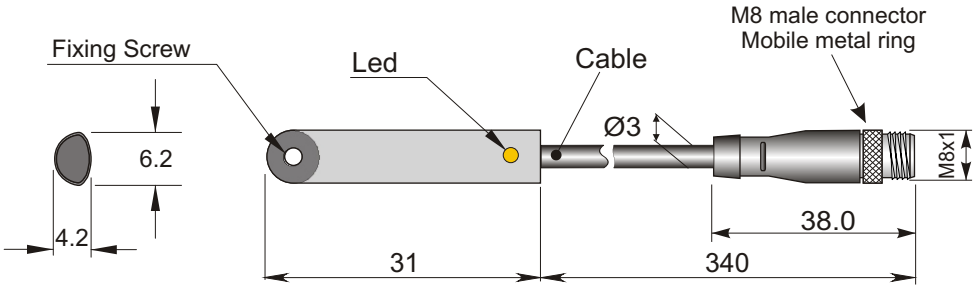
MAGNETIC SENSORS FOR CYLINDERS

Magneto-Resistive Sensors "SHP-6T" SERIES

The Aeco Magneto-Resistive sensors SHP series are particularly suitable for applica tions where is needed know the exact shaft positioning of a pneumatic cylinder .
To achieve this information the magnetic field generated by the permanent magnet in the cylinder is detected by means of a sensor fixed externally in the T slot.
When the magnet approaches the sensor a sensible component to the magnetic field contained in its electronics controls that a given value is reached.
When reaching such value the LED indicator and the sensor output activate signaling the final cylinder shaft position.



SHP-6T PNP NO

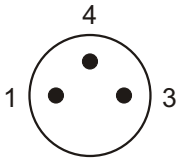


Dimensions mm

SHP-6T PNP NO LC0.3 M8

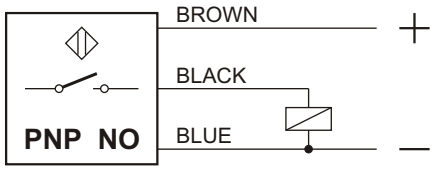
TECNICHAL CHARACTERISTICS		SHP-6T PNP NO SEH000012	SHP-6T PNP NO LC0.3 M8 SEH000011
Response sensitivity	mT	≤ 2.8	
Continuous voltage (res. ripple ≤10%)	V	10 ÷ 30	
Time delay before availability	ms	≤ 2	
Switching frequency	Hz	5000	
Hysteresis	mT	< 20%	
Repeatability	mT	≤ 0.1	
Max output current	mA	100	
Absorption at 24 Vdc	mA	< 12	
Voltage drop (sensor ON)	V	< 1.8	
Short circuit protection		INCORPORATED	
Led		INCORPORATED	
Temperature limits	°C	-25 ÷ +75	
IP rating	IP	67	
Housing		PLASTIC	
PVC cable	0.3m	-	3 x 0.14 mm² + CONN. H1
PVC cable	2m	3 x 0.094 mm²	-

WIRING DIAGRAMS

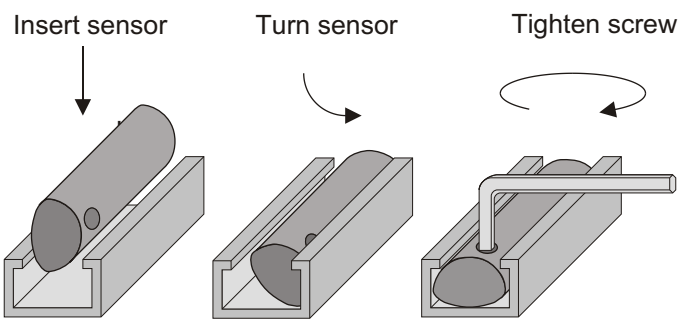


VIEW OF MALE CONNECTOR **H1**

1 = Brown / **+**
3 = Blue / **-**
4 = Black / output PNP NO



INSTRUCTIONS FOR CORRECT INSTALLATION

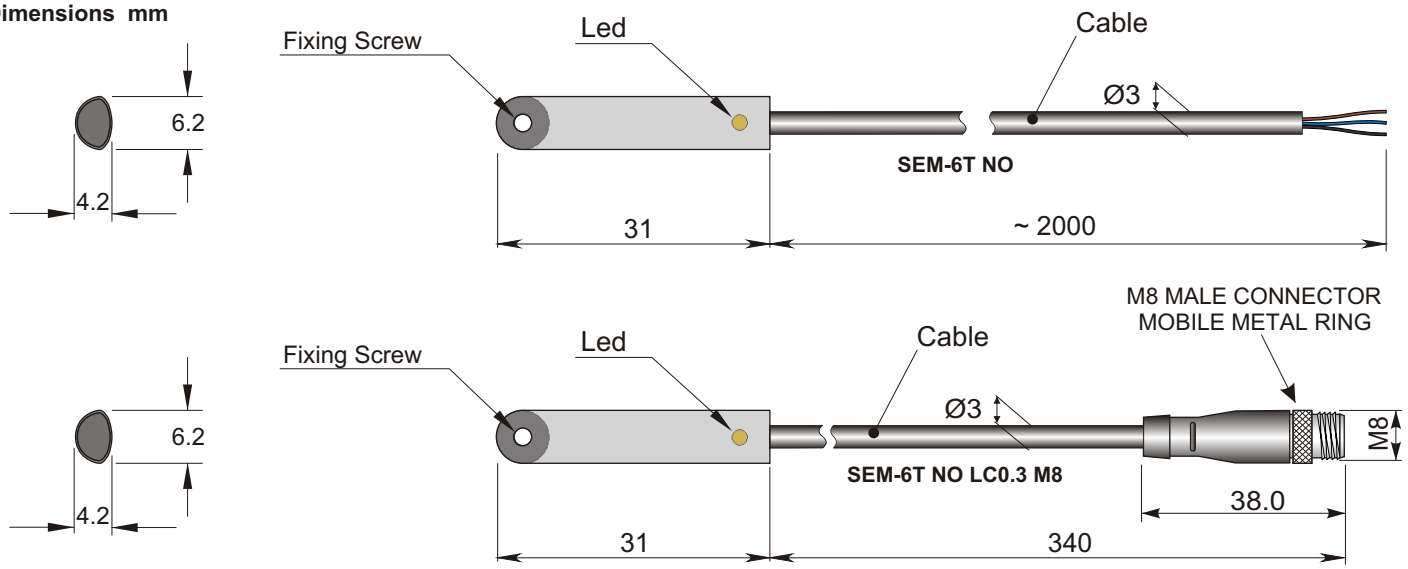


AECO S.r.l. via G. Leopardi, 5 20065 Inzago (MI) Italy - Tel. 0295438.1 (5 linee r.a.) Fax 029548528
http://www.aecosensors.com E-mail: aeco@aecosensors.com

MAGNETIC SENSORS "SEM-6T.." SERIES

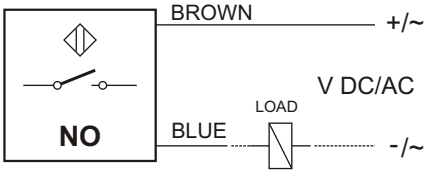
CE

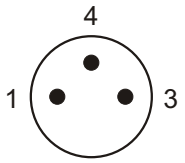
Dimensions mm



TECNICHAL CHARACTERISTICS		SEM-6T NO SEM000001	SEM-6T NO LC0.3 M8 SEM000002
Response sensitivity	mT	≤ 3	
Continuous voltage (res. ripple ≤10%)	V	10V DC ÷ 250V AC/DC	
Max. output current		40mA / 250V 100mA / 100V	
Max. switching power	W/VA	10	
Voltage drop (sensor ON)	V	< 2.7	
Max. switching frequency	Hz	200	
Hysteresis	mT	< 20%	
Repeatability	mT	≤ 0.1 (at 25°C)	
Sensing point		CENTER OF THE SENSOR	
Short circuit protection		NOT INCORPORATED	
Led		INCORPORATED	
Temperature limits	°C	-25 ÷ +75	
IP rating	IP	67	
Housing		PLASTIC	
PVC cable	2m	2 x 0.14 mm²	
PUR cable	0.3m		2 x 0.14 mm² + CONN. H1

WIRING DIAGRAMS

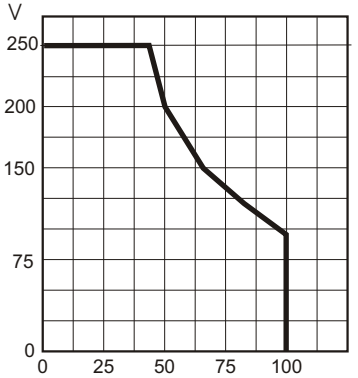




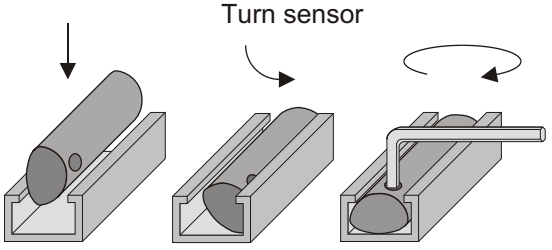
1 = +/~
4 = Output

VIEW OF MALE CONNECTOR **H1**

SWITCHING DIAGRAM



INSTRUCTIONS FOR THE INSTALLATION



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