

SPEED SENSOR T4



✓ No detection of the rotation direction.

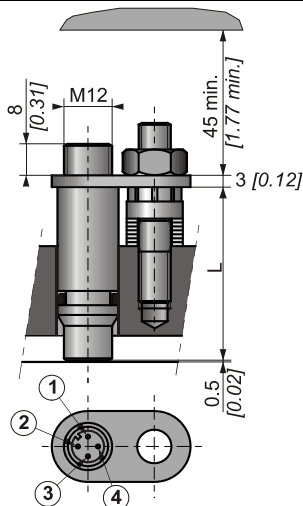
Commercial name	T4 SENSOR 12-44	T4 SENSOR 12-53	T4 SENSOR 12-62
Part number	A22082C	A22083D	A22084E
Lenght L(*)	44 [1.73]	53 [2.09]	62 [2.44]
Function	Detect movements : rotation speed		
Compatibility	Electronic transmission management		

(*) : According to the size of the motor, consult your Poclain Hydraulics sales engineer

Features	
Supply voltage	8 - 30 V
Output type	- 1 push-pull square frequency signal - Maximum load current: 20 mA - Voltage at low state: < 1.5 V - Voltage at high state: > (power supply voltage - 3.5 V)
Maximum range	1.15 mm [0.045"]
Current consumption	20 mA max.
Frequency range	0 to 15 kHz
Operating temperature	- 40°C to + 125°C [- 40°F to 257°F]
Material	Stainless steel
Protection rating	IP68
Electrical protection	Reverse polarity



Signals are not protected against short circuit to ground or supply.



Installation

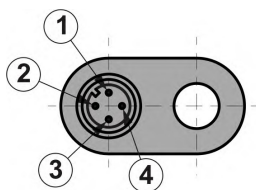
Disconnecting the accessories and speed set up

In the case of motors predisposed to speed, the existing shutter needs to be removed and eliminated before installing the sensor and its attachment device.

To install the sensor, see the "Installation guide" brochure No. 801478197L.

Connection of the speed sensor

Remove the plastic plug on the connector.



Function	Pin number
Power supply	1
Not present	2
Ground	3
Square frequency signal	4

For the connection of connectors, please refer to the connection table and the general cabling plan contained in the installation brochure for your transmission.

Electrical connections	90°	180°
Commercial name	ELEC-CABLE-M12-90°-5000	ELEC-CABLE-M12-180°-5000
Part number	A04999J	A07468S
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