

EC-SNR-POS-75S-H SLIP-IN SPOOL POSITION TRANSDUCER

DESCRIPTION

Position transducer based on Hall effect sensor to detect a stroke of ± 7.5 mm. Slip-in assembly.

OPERATION

Signal output is linearly proportional to the stroke. With a measurement range of ± 7.5 mm this device provides a 1 to 4 VDC output signal over its range with a nominal 2.5 VDC in the neutral position. It can be used as a safety device in conjunction with Tecnord's MMS electronic units (e.g. MMS 1521).

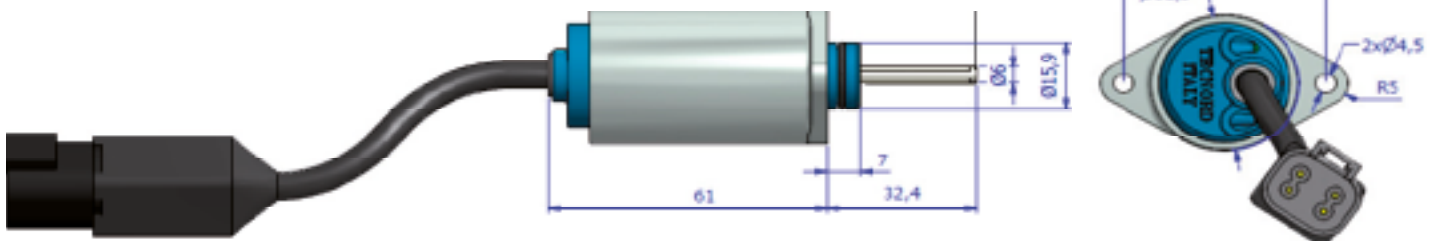
FEATURES

- Power supply line is protected against reversed polarity and overvoltage.
- Output protected against short circuits to GND and supply.
- Redundant version (dual electronics) available.
- Electro Magnetic Compatibility (EMC): EN 61000-6-2 (Immunity)
EN 61000-6-3 (Emissions)

SPECIFICATIONS

Operating voltage:	6 \pm 32 VDC
Max current consumption:	<15mA
Operating temperature:	-40°C / +100°C
Degree of protection:	IP 67
Maximum operating pressure:	45 bar
Output signal:	1 \pm 2.5 \pm 4 VDC
Tolerance on output signal:	\pm 0.2 VDC
Electrical stroke linearity range:	\pm 7.5 mm
Maximum mechanical stroke:	\pm 8 mm
Connector pins:	1 +V (POWER SUPPLY) 2 -V (POWER SUPPLY-GND) 3 Output signal 4 Not used
Connector type:	Deutsch DT04-4P

DIMENSIONS



APPLICATIONS

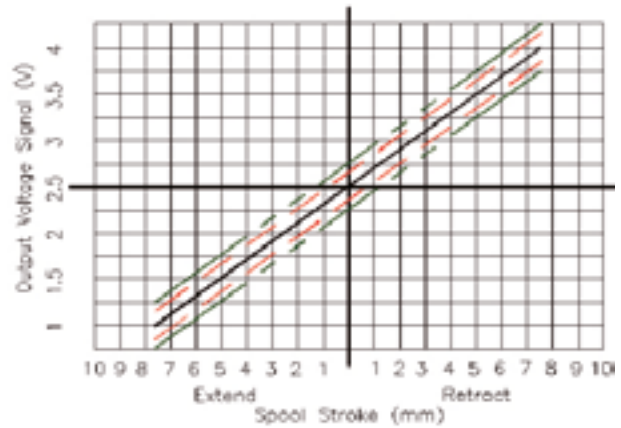
- 12 VDC and 24 VDC systems.
- Spool position detect for electrohydraulic manifolds.

Ordering Code

20.0204.007



OUTPUT SIGNAL



WARNING: the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.



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