

PRESSURE TRANSDUCER MODEL SN 3



OUTSTANDING CHARACTERISTICS

- Easy Installation
- High static accuracy and repeatability
- Continuous level measurement
- Output 4-20 mA in 2 wires

DESCRIPTION

TECMES Level Transducer model SN3 contains a piezoresistive element which senses the pressure changes of the fluids where it is submerged.

TECMES Model SN3 the latest in piezoresistive technology with a 316 stainless steel construction.

Their rugged polyurethane cable jackets remains flexible under harsh conditions. The cable incorporates a vent tube to compensate for atmospheric pressure fluctuations.

The operational system with two wires, 4-20 mA is compatible with dataloggers, PLC, etc.

APPLICATIONS

SN3 Pressure Transducer can be used for continuous level measurement and control of:

- * Cisterns
- * Tanks
- * Reservoirs with ever moving fluids
- * Rivers

and in other applications where high accuracy and easy installation is required such as in environmental remediation, mining and wastewater treatment.

The SN3 is full compatible with TS 2002 multiparameter controller, with two dry contact control.



SPECIFICATIONS

Transducer:	Piezoresistive with atmospheric pressure and temperature fluctuations compensation.
Ranges:	0-1 m model SN3-01 with 5 meters cable 0-6 m model SN3-06 with 10 meters cable 0-10 m model SN3-10 with 15 meters cable 0-20 m model SN3-20 with 25 meters cable
Linearity:	+/- 0,2%
Operational Temperature:	0 to + 50°C
Thermal Shift:	+/- 0,02%/°C
Overpressure:	2 times the range
Output:	4-20 mA, 2 wires
Power:	12,5 to 40 Vcc
Sensor diaphragm and Body:	Stainless Steel AISI316L
Cable:	With Polyurethane jacketed
Dimensions:	Diameter 38 mm x 180 mm.

Request for other specification

Made in Argentina

TECMES S.R.L.

Neuquén 1123-Buenos Aires, Argentina
Tel.(+54-11)4431-7206 RL – Fax (+54-11)4433-2986
tecmes@tecmes.com <http://www.tecmes.com>