

# Pressure transducers

## TPC Series



### Description

Ceramic pressure transducer with differential output for OEM applications. Used to monitor the hydraulic systems of lifting equipment and to measure the hydraulic pressure in industrial machines and hydraulic systems in general.

Supplied in non-amplified version. The 4 to 20 mA or 0.5 to 4.5 V amplified version is available on request.

**Note:** The user/installer is responsible for evaluating the values and, thus, the safety of the application.

Model	Nominal pressure [bar]	Maximum pressure [bar]	Bursting pressure [bar]
TPC 250	250	500	750
TPC 400	400	800	1200

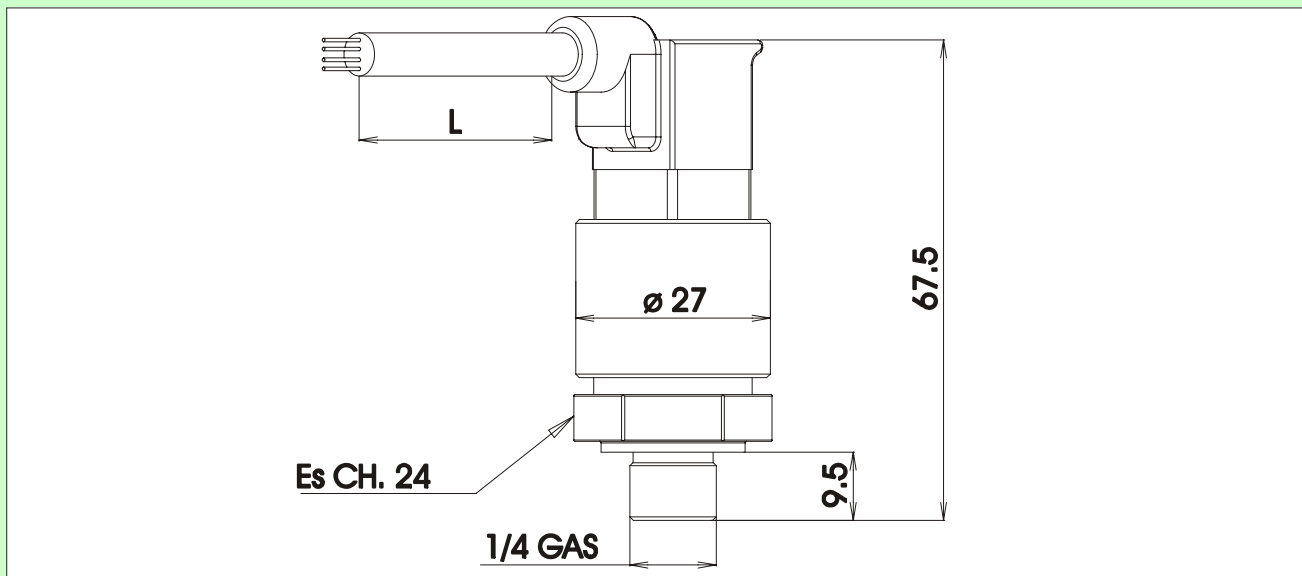
### Technical data

Maximum power supply	30	Vdc
Sensitivity	3.3	mV/V
Standard protection grade	IP66	-
Zero point (at 25 °C)	$\leq \pm 0.1$	mV/V
Construction material	stainless steel	-

Linearity, hysteresis, repeatability	$\leq \pm 0.4$	%FS
Operating temperature	-20 to 70	°C
Zero coefficient	$\leq \pm 0.004$	%FS/°C
SPAN coefficient	$\leq \pm 0.008$	%FS/°C

Electrical connections: screened cable with 4 conductors, standard length 4 meters with MPM connector  
30 cm length cable with 4 pole SuperSeal AMP connector

### Dimensions [mm]



It is prohibited to use this apparatus/accessory until the machine onto which it is mounted has been declared in conformity with the Machine Directive 98/37/EEC.

BPE Electronics Srl should modify technical datas without advise

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