

Pressure Transducer

XTP150G

Technical data

General

Pressure range	15 Pa - 150 Pa +/- 0,1 % Full scale
Dimensions (h x w x d)	90 mm x 115 mm x 55 mm
Weight	237 g
Ingress Protection	IP65
Material	Box: Light grey polycarbonat (PC)
Ambient temperature	-25 °C - +50 °C
Storage temperature	-25 °C - +50 °C
Connection terminals	Screw: max.1,5 mm ² wire
Cable length	Max. 100 m, min. 0,75 mm ² wire

Inputs

Supply	24 VDC (+/- 15 %)
Power Consumption, absolut max	75 mA
Power Consumption, nominal	60 mA

Outputs

Output	0-10 VDC, max. 10 mA
Alarm relay output (max)	48 V / 2 A
Alarm relay contact material	AgCdO

Miscellaneous

Tolerable overload	5000 Pa
Medium	Air and exhaust gases
Response time	< 0,2 s
Resolution from digital sensor	0,01 Pa
Repeatability	+/- 0,1 % Full scale
Combined non-linearity and hysteresis	+/- 0,05 % Full scale
Offset longtime drift 1 year	+/- 0,7 Pa max.
Temperature drift	+/- 1,0 % Full scale
Transfer ratio	0,6 (250 Pa signal / 150 Pa output)

Third part approvals

The XTP150G is certified by GASTEC and have the certification number PIN: 0063 BU1711



