

Pressure Transducer

XTP 150

Technical data

General

Pressure range	5 Pa - 150 Pa (5 Pa - 250 Pa) +/- 0,1 % Full scale
Dimensions (h x w x d)	80 mm x 82 mm x 55 mm
Weight	165 g
Ingress Protection	IP65
Material	Box: Leight grey polycarbonat (PC)
Ambient temperature	25 °C - +50 °C
Storage temperature	25 °C - +50 °C
Connection terminals	Screw: max. 1,5mm ² wire
Cable length	Max. 100 m, min. 0,75mm ² wire

Inputs

Supply	24 VDC (+/- 15 %)
Power Consumption, absolut max	30 mA
Power Consumption, nominel	20 mA

Outputs

Output	0-10 VDC, max. 10 mA
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Miscellaneous

Tolerable overload	5000 Pa
Medium	Air and exhaust gases
Responce 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)



