

Allowable working temperature	-5 (-20) bis +160°C
Allowable working pressure	-1/+9 bar oder -1/+15 bar (The data indicated on the nameplate is mandatory)
Max. ambient temperature	50 °C
Diaphragm resistance	ca. 50 KΩ
Insulation resistance	≥ 10 ¹² Ω
Internal capacitance (with connection cord)	≥ 10 nF
internal inductance (with connection cord)	negligible
Resistance	cf. Sect. 6.1

Electrical data if used in potentially explosive atmospheres:

Type of protection required for category 2 equipment	Ex ia IIC
Power and signal circuits	For connection to certified, intrinsically safe electrical circuit only. L _i negligible C _i negligible
Type of protection required for category 1/2 equipment	Ex ia IIB
Power and signal circuits	For connection to certified, intrinsically safe electrical circuit only. The following maximum values apply to the measuring circuits of probes on a common probe carrier: U _i = 30 V ΣI _i = 100 mA L _i (probe) negligible C _i (probe) negligible C _{connection} ≤ 10 nF The maximum allowable inductance of all inductors in the supply circuits is 11 mH. The maximum allowable capacitance of all capacitors in the supply circuits is 180 nF.
EC type examination	PTB 03 ATEX 2207 X

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 Defining the standard

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