



## Standard Specifications of GH12P

Measuring Range	0...250 bar (3625 psi) 25 Mpa
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Lifetime	> 10 <sup>8</sup> load changes
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Overload	300 bar (4350 psi) 30 Mpa
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Sensitivity (nominal)	15 pC/bar (1.03 pC/psi) 150 pC/Mpa
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Linearity	< ± 0.3 % FSO
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Natural Frequency	115 kHz
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Acceleration Sensitivity	< 0.001 bar/g
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Shock Resistance	> 2000 g
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Operating Temperature Range	up to 400°C (750°F)
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Thermal Sensitivity Shift	20...400°C < ± 2% 200...300°C < ± 0.5%
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Insulation Resistance at 20°C (68°F)	> 10 <sup>13</sup> Ω
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Capacitance	7 pF
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Mass (without cable)	5 grammes
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Mounting Torque for probe	1.5 Nm
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Mounting Torque for adapter	4.0 Nm
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### Thermodynamic Specifications

Cyclic Temperature Drift	< ± 0.5 bar
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Load Change Drift Max. Zero-Line Gradient dp/dt	1 mbar/ms
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Permanent Zero-Line Deviation	7 bar
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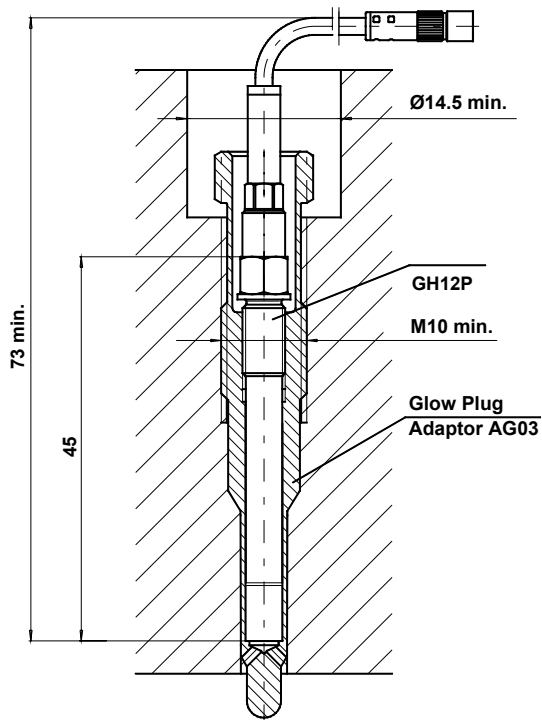
IMEP-Stability	< 3%
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### Accessories

Cable and Coupling	CI41-1, CI41-2, CI42-1, CI42-2, CC41, E124-10
Cable Mounting Tool	TC01
Adaptor	AG03
Mounting Tool	TS01 (TT01, TT02), TA14, TA16
Extra Accessories	PH01, SF01

### Scope of Supply

- 1 Transducer GH12P
- 1 Piezo-Input Cable CI41-1 plus 1 Coupling CC41, fitted
- 2 Spare O-Ring for Cable
- 1 Protection Cap
- 1 Calibration Sheet
- 1 Specification Sheet
- 1 Brief Description



Mounting Torque AG03 = 4 Nm

Installation bei means of Glow Plug Adaptor AG03