

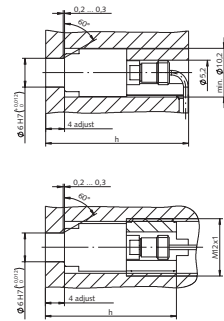
Direct Cavity Pressure Measurement – Installation- Compatible Sensors

Summary table $\varnothing 6$ mm

Front diameter	6 mm	6 mm	6 mm
Measured variables (p: pressure; T: temperature)	p	p	p
Technical Data	Type	6152A... ¹⁾	6162A... 6163A...



Installation sketch



h = minimum installation height, see table

Measuring range

Temperature	°C	–	–	–
Pressure	bar	0 ... 2000	0 ... 200	0 ... 1000
Sensitivity	pC/bar	–9,4 (Unisens)	≈ –18,5	≈ –3,9

Sensor front

Machinable	•	–	–
Option: Abrasion protection (not machinable)	•	–	–

Cable technology

Single-wire, with/without connector ²⁾	•	•	•
Single-wire, with crimp contact ³⁾	•	•	•
Coaxial, with standard 4)/customer specific cable length ⁵⁾	•	•	•
Conductive spacer sleeve	–	–	–
Compensating cable with standard ⁶⁾ /customer specific cable length ⁷⁾	–	–	–
Exchangeable cable	•	•	•

Operating temperature

Melt temperature	°C	<450	<450	<450
Mold temperature	°C	<300	<200	<200

Applications + characteristics

Thermoplastics Thermosets Elastomers LSR	Fiber-reinforced composites SMC/RTM welded front gap	Fiber-reinforced composites High pressure RTM Composites welded front gap
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Accessories

Spacer sleeve	Type	6462	6462	6462
Minimum installation height	mm	32	32	32
Mounting nut	Type	6453 ⁸⁾	6453 ⁸⁾	6453 ⁸⁾
Minimum installation height	mm	30	30	30
Data sheet, see www.kistler.com		6152A (000-028)	6162A (000-888)	6163A (000-889)

• Variant available – Variant not available ¹⁾ Standard product ²⁾ Cable can be shortened by user, standard length 1.5/5 m

³⁾ Connection to contact element 1712/1714A, Customer-specific length (l_{min} = 0.1 m/l_{max} = 1.5 m) ⁴⁾ l=0.2/0.4/0.6/0.8 m

⁵⁾ Customer-specific length (l_{min} = 0.1 m/l_{max} = 5 m) ⁶⁾ l=0.4/0.8/1.2/1.6/2 m ⁷⁾ Customer-specific length (l_{min} = 0.15 m/l_{max} = 5 m) ⁸⁾ Delivered accessories