

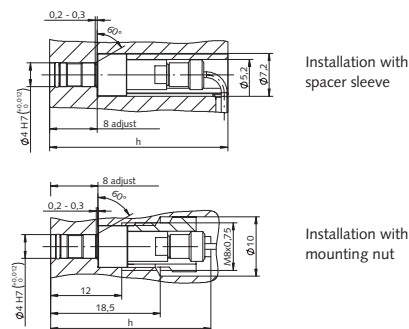
Direct Cavity Pressure Measurement – Installation- Compatible Sensors

Summary table $\varnothing 4$ mm

Front diameter	4 mm	4 mm
Measured variables (p: pressure; T: temperature)	p	p
Technical Data	Type 6157B... ¹⁾	6167A...



Installation sketch



h = minimum installation height, see table

Measuring range

Temperature	°C	–	–
Pressure	bar	0 ... 2000	0 ... 200
Sensitivity	pC/bar	–9,4 (Unisens)	≈ –16,5

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
Mold temperature	°C	<300	<200

Applications + characteristics

Foam injection molding Compression molding	low viscosity materials with diaphragm
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Accessories

Spacer sleeve	Type	6459	6459
Minimum installation height	mm	30	30
Mounting nut	Type	6457 ⁸⁾	6457 ⁸⁾
Minimum installation height	mm	27	27
Data sheet, see www.kistler.com		6157B (000-030)	6167A (000-033)

• 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