

# Direct Cavity Pressure Measurement – Installation-Compatible Sensors

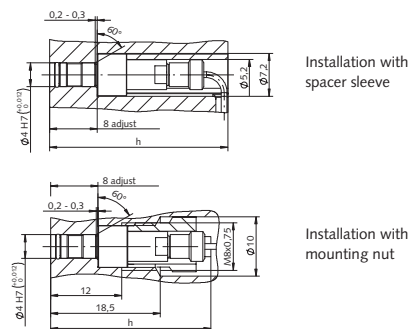
Types 6157B..., 6167A...

## Summary table $\varnothing 4$ mm

Front diameter	4 mm	4 mm
Measured variables (p: pressure; T: temperature)	p	p
<b>Technical Data</b>	<b>Type</b> 6157B... <sup>1)</sup>	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 <sup>2)</sup>	•	•
Single-wire, with crimp contact <sup>3)</sup>	•	•
Coaxial, with standard 4)/customer specific cable length <sup>5)</sup>	•	•
Conductive spacer sleeve	–	–
Compensating cable with standard <sup>6)/</sup> customer specific cable length <sup>7)</sup>	–	–
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 <sup>8)</sup>	6457 <sup>8)</sup>
Minimum installation height	mm	27	27
<b>Data sheet, see <a href="http://www.kistler.com">www.kistler.com</a></b>		<b>6157B (000-030)</b>	<b>6167A (000-033)</b>

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

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

<sup>5)</sup> Customer-specific length (l<sub>min</sub> = 0.1 m/l<sub>max</sub> = 5 m) <sup>6)</sup> l = 0.4/0.8/1.2/1.6/2 m <sup>7)</sup> Customer-specific length (l<sub>min</sub> = 0.15 m/l<sub>max</sub> = 5 m) <sup>8)</sup> Delivered accessories