

## Gas thermometer TFCh

### Technical description

<b>Characteristic</b>
<ul style="list-style-type: none"> <li>– remote reading via capillary</li> <li>– stainless steel housing - rolled or TWIST</li> <li>– IP56 protection degree - acc. to housing type</li> <li>– fast: acrylic glass or special</li> </ul>
<b>Measuring range</b>
(0 ÷ 80) °C; (0 ÷ 600) °C acc. to series of types
<b>Accuracy class</b>
1% full range
<b>Sheath</b>
<ul style="list-style-type: none"> <li>– material: 1.4571 steel</li> <li>– diameter [mm]: ø8, 10, 12</li> <li>– length [mm]: 40 or other, depending on the range and type of connection</li> <li>– capillary length [m]: 1÷15</li> </ul>
<b>Housing</b>
<ul style="list-style-type: none"> <li>– material: 304 steel</li> <li>– diameter [mm]: ø63, 80, 100, 160* 250*</li> </ul> <p>* TWIST version</p>
<b>Process connection</b>
<ul style="list-style-type: none"> <li>– thread: M20x1,5; M24x1,5; M27x2; G½; ½NPT lub inny</li> <li>– type: A1 - smooth sensor without thread</li> <li>    A2 - cap with external thread on the capillary</li> <li>    A3 - cap with internal thread</li> <li>    A4 - external rotary thread (only for mounting sheaths)</li> <li>    A6 - thread permanently welded to the sensor</li> <li>    A7 - sliding handle on the capillary</li> <li>    UG - sliding handle on the sensor</li> </ul>
<b>Additional functions</b>
<ul style="list-style-type: none"> <li>– alarm contacts</li> <li>– marks on the dial</li> <li>– shockproof construction - only rolled version</li> <li>– possibility to make the thermal and mechanical protection of the capillary</li> <li>– hygienic construction</li> </ul>



### Ordering code

Gas thermometer	TFCh	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Housing type: TWIST	no sign														
rolled	g														
Fill: none	0														
glycerin or silicone oil	G														
Dial diameter [mm]	63, 80, 100, 160														
Measuring range	(0 ÷ 80) °C (0 ÷ 600) °C*														
Sensor diameter	6, 8														
Length [mm]	40÷400*														
Thread size	G½; M20x1,5*														
Connection type	A1, A2, A3, A4, A6, A7*														
Capillary length [m]	1,5m*														
Accuracy class	1%														

\* Acc. to requirements

### Ordering example

Gas thermometer TFCh-0-100-(0 ÷ 200) °C-8-200-G½-4m-W-1,0%