

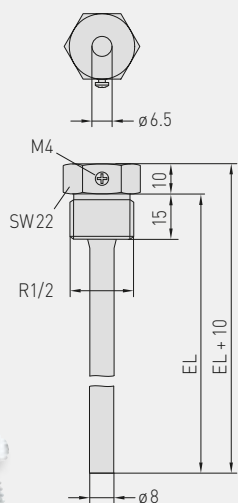
# THERMASGARD® TH

Immersion sleeves made of stainless steel or brass, nickel-plated, for temperature sensors and measuring transducers TF 54/TM 54 (form B)



S+S REGELTECHNIK

Dimensional drawing TH-ms / xx

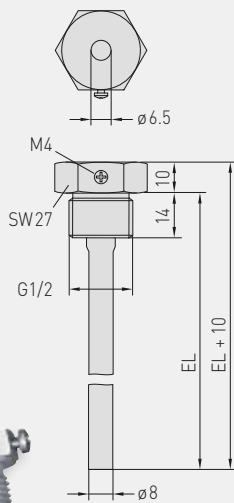


### TH-ms / xx

Brass immersion sleeve

thread-sealing, conical, according to DIN 10226

Dimensional drawing TH-VA / xx

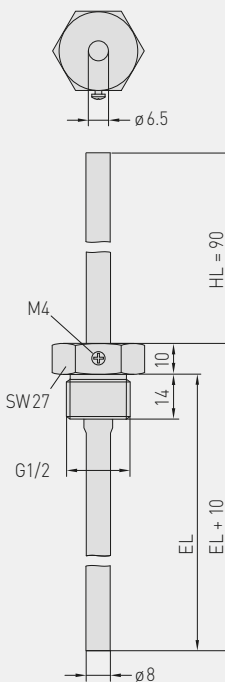


### TH-VA / xx

Stainless steel immersion sleeve

flat-sealing, cylindrical, according to DIN 228

Dimensional drawing TH-VA / xx / 90



### TH-VA / xx / 90

Stainless steel immersion sleeve with neck tube

flat-sealing, cylindrical, according to DIN 228

THERMASGARD® TH – Immersion sleeve Ø 8 mm					
Type / WG01	p <sub>max</sub> (static)	T <sub>max</sub>	Inserted length (EL)	Item No.	Price
<b>TH-<u>ms</u> / xx</b>	<b>Brass nickel-plated</b>			<b>Ø 8 x 0.75 mm</b>	
TH-MS 50MM	10 bar	+150 °C	50 mm	7100-0011-0010-001	7,85 €
TH-MS 100MM	10 bar	+150 °C	100 mm	7100-0011-0020-001	8,16 €
TH-MS 150MM	10 bar	+150 °C	150 mm	7100-0011-0030-001	9,02 €
TH-MS 200MM	10 bar	+150 °C	200 mm	7100-0011-0040-001	9,51 €
TH-MS 250MM	10 bar	+150 °C	250 mm	7100-0011-0050-001	9,83 €
TH-MS 300MM	10 bar	+150 °C	300 mm	7100-0011-0060-001	11,29 €
TH-MS 350MM	10 bar	+150 °C	350 mm	7100-0011-0070-001	13,32 €
TH-MS 400MM	10 bar	+150 °C	400 mm	7100-0011-0080-001	11,71 €
<b>TH-<u>VA</u> / xx</b>	<b>Stainless steel VA 1.4571</b>			<b>Ø 8 x 0.75 mm</b>	
TH-VA 50MM	40 bar	+600 °C	50 mm	7100-0012-0010-001	14,99 €
TH-VA 100MM	40 bar	+600 °C	100 mm	7100-0012-0020-001	15,78 €
TH-VA 150MM	40 bar	+600 °C	150 mm	7100-0012-0030-001	16,59 €
TH-VA 200MM	40 bar	+600 °C	200 mm	7100-0012-0040-001	17,72 €
TH-VA 250MM	40 bar	+600 °C	250 mm	7100-0012-0050-001	18,63 €
TH-VA 300MM	40 bar	+600 °C	300 mm	7100-0012-0060-001	23,20 €
TH-VA 350MM	40 bar	+600 °C	350 mm	7100-0012-0070-001	23,63 €
TH-VA 400MM	40 bar	+600 °C	400 mm	7100-0012-0080-001	24,11 €
<b>TH-<u>VA</u> / xx / 90</b>	<b>Stainless steel VA 1.4571, incl. neck tube (90mm)</b>			<b>Ø 8 x 0.75 mm</b>	
TH-VA 50/90MM	40 bar	+600 °C	50 mm	7100-0012-2010-001	22,56 €
TH-VA 100/90MM	40 bar	+600 °C	100 mm	7100-0012-2020-001	23,63 €
TH-VA 150/90MM	40 bar	+600 °C	150 mm	7100-0012-2030-001	24,85 €
TH-VA 200/90MM	40 bar	+600 °C	200 mm	7100-0012-2040-001	26,05 €
TH-VA 250/90MM	40 bar	+600 °C	250 mm	7100-0012-2050-001	27,33 €
TH-VA 300/90MM	40 bar	+600 °C	300 mm	7100-0012-2060-001	29,85 €

Note: Inner diameter of socket 6.5 mm

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**INSTRUCTIONS FOR PLANNING AND INSTALLATION**

The approaching flow causes the protective tube to vibrate.

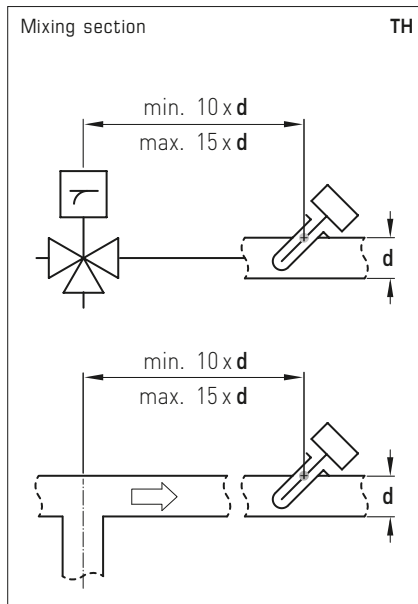
If the specified approach velocity is exceeded even by a marginal amount, a negative impact on the protective tube's service life may result (material fatigue).

Please observe permissible approach velocities for stainless steel protective tubes (see graph TH-VA) as well as for brass protective tubes (see graph TH-ms).

Discharge of gases and pressure surges must be avoided as they have a negative influence on the service life and may damage the protective tubes irreparably.

**MIXING SECTION**

After the mixing of water flows of different temperatures, the issue of temperature stratification means that an adequate distance to the sensor must be observed.



**Installation scheme**

