

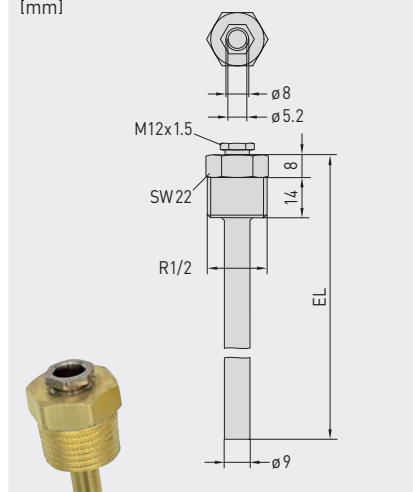
THERMASGARD® THE

Immersion sleeves made of stainless steel or brass,
with adjusting screw, for sleeve sensor HTF / HFTM

S+S REGELTECHNIK

Dimensional drawing
[mm]

THE -MS-G xx



THE-MS-G xx

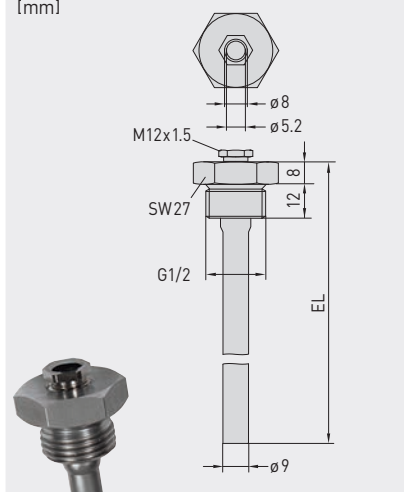
Immersion sleeve,
polished brass

with adjusting screw,
thread-sealing, conical,
according to DIN 10226



Dimensional drawing
[mm]

THE -VA xx



THE-VA xx

Immersion sleeve,
stainless steel V4A (1.4571)

with adjusting screw,
flat sealing, cylindrical,
according to DIN 228



THERMASGARD® THE Immersion sleeve Ø 9 mm for THERMASGARD® HTF / HFTM

Type / WG01	p _{max} (static)	T _{max}	Inserted Length (EL)	Item No.	Price
THE-MS-G xx	polished brass			Ø 9 x 1.0 mm	
THE-MS-G 50MM	16 bar	+130 °C	50 mm	7100-0017-6010-002	11,54 €
THE-MS-G 100MM	16 bar	+130 °C	100 mm	7100-0017-6020-002	12,47 €
THE-MS-G 150MM	16 bar	+130 °C	150 mm	7100-0017-6030-002	12,93 €
THE-MS-G 200MM	16 bar	+130 °C	200 mm	7100-0017-6040-002	13,84 €
THE-MS-G 250MM	16 bar	+130 °C	250 mm	7100-0017-6050-002	15,50 €
THE-VA xx	Stainless steel V4A (1.4571)			Ø 9 x 1.0 mm	
THE-VA 50MM	40 bar	+200 °C	50 mm	7100-0012-6010-002	22,84 €
THE-VA 100MM	40 bar	+200 °C	100 mm	7100-0012-6020-002	25,22 €
THE-VA 150MM	40 bar	+200 °C	150 mm	7100-0012-6030-002	27,09 €
THE-VA 200MM	40 bar	+200 °C	200 mm	7100-0012-6040-002	28,57 €
THE-VA 250MM	40 bar	+200 °C	250 mm	7100-0012-6050-002	35,51 €
THE-VA 300MM	40 bar	+200 °C	300 mm	7100-0012-6060-002	37,10 €
THE-VA 400MM	40 bar	+200 °C	400 mm	7100-0012-6080-002	38,30 €
Ordering example:	THE-MS-G 150MM (Brass immersion sleeve, Ø = 9 mm, EL = 150 mm) THE-VA 150MM (Stainless steel immersion sleeve, Ø = 9 mm, EL = 150 mm) Other inserted lengths on request				
Note:	inner diameter of socket 5.2 mm, with adjusting screw M12 x 1.5				

INSTRUCTIONS FOR PLANNING AND INSTALLATION

The approaching flow causes the protective tube to vibrate.

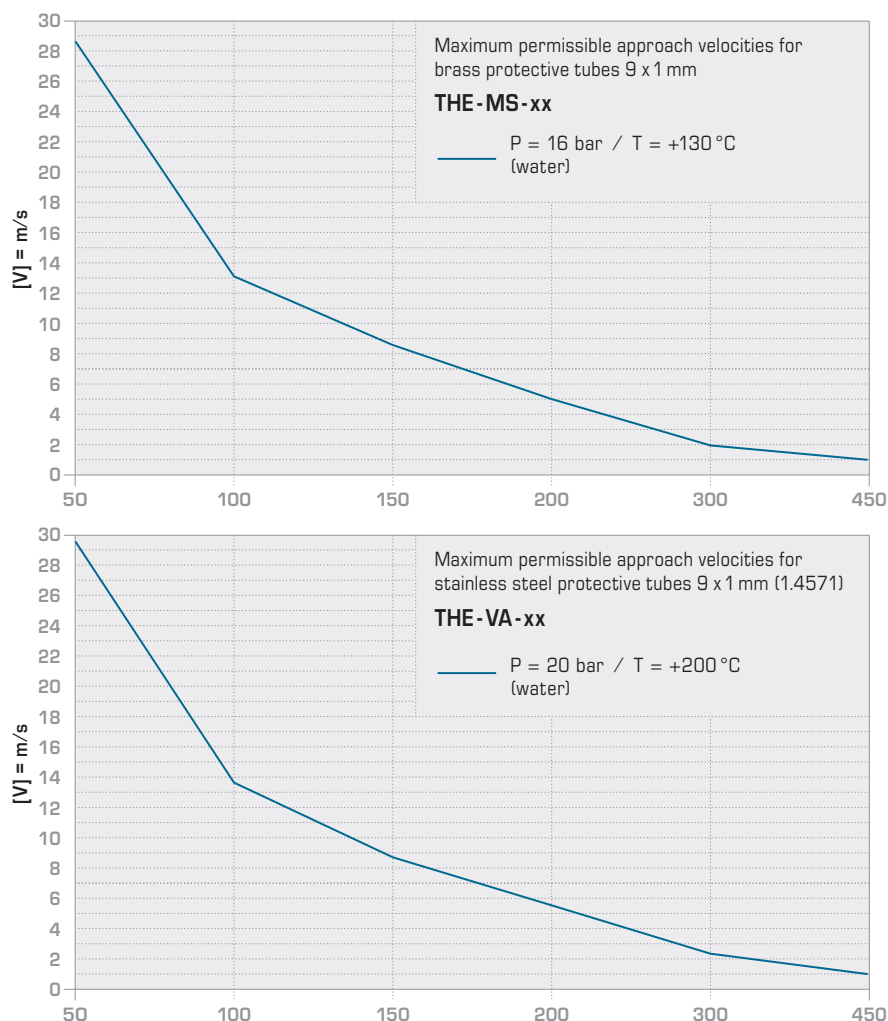
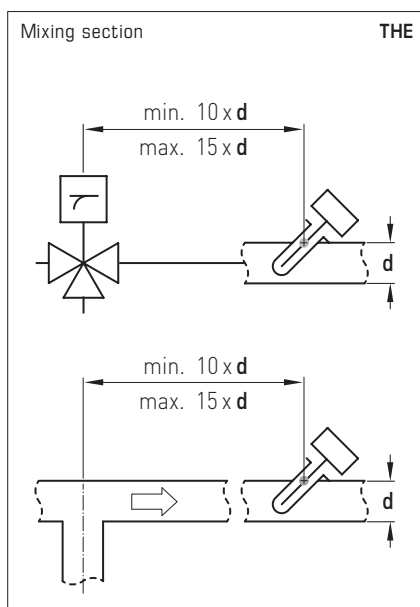
If the specified approach velocity is exceeded even by a marginal amount, a negative impact on the protective tube's service life may result (material fatigue).

Please observe permissible approach velocities for stainless steel protective tubes (see graph **THE-VA**) as well as for brass protective tubes (see graph **THE-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

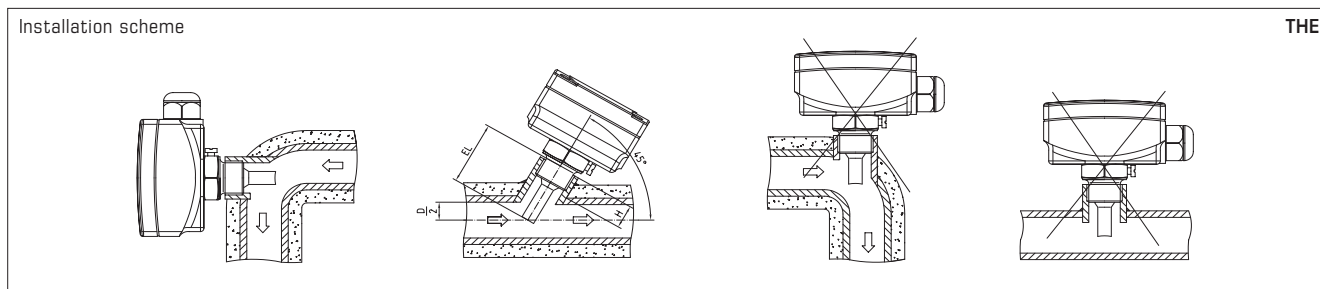
After the mixing of water flows of different temperatures, the issue of temperature stratification means that an adequate distance to the sensor must be observed.



BRASS OR STAINLESS STEEL

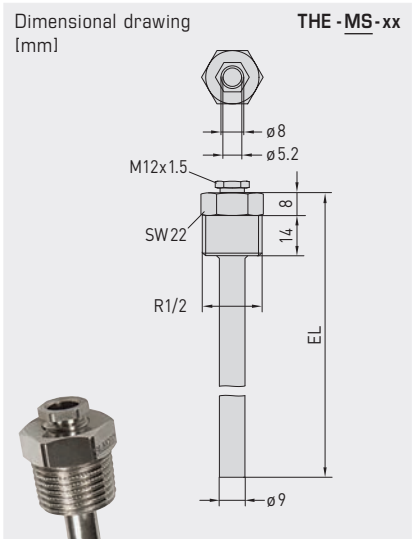
Uncompromising quality and safety are also paramount in the design of the accessory from S+S. This is why our metal immersion sleeves for duct sensors are made using either brass or stainless steel. Brass is an alloy consisting mainly of copper and zinc, which give it mechanical strength, heat resistance and thermal conductivity, among other characteristics. This is the material of choice for most standard applications.

Highest protection against corrosion is provided by immersion sleeves made of stainless steel. Among the available qualities, we chose VA 1.4571 or AISI 316 Ti, a high-grade austenite specialty combining chromium, nickel and molybdenum with an extra titanium content. The alloy has a proven fit particularly in the design of chemical process equipment and technical instruments as well as in waste gas and water treatment. Its corrosion resistance also includes chlorides or salts and more aggressive acids, such as hydrochloric acid (HCl).



THERMASGARD® THE

Immersion sleeves made of stainless steel or brass,
with adjusting screw, for sleeve sensor HTF / HFTM



THE-MS xx

Immersion sleeve,
nickel-plated brass /
galvanised

with adjusting screw,
thread-sealing, conical,
according to DIN 10226

THERMASGARD® THE Immersion sleeve Ø 9 mm for THERMASGARD® HTF / HFTM					
Type / WG01	p _{max} static	T _{max}	Inserted Length (EL)	Item No.	Price
THE-MS / xx	Brass nickel-plated / galvanised			Ø 9 x 1.0 mm	
THE-MS 50MM	16 bar	+130 °C	50 mm	7100-0011-6010-002	11,54 €
THE-MS 100MM	16 bar	+130 °C	100 mm	7100-0011-6020-002	12,47 €
THE-MS 150MM	16 bar	+130 °C	150 mm	7100-0011-6030-002	12,93 €
THE-MS 200MM	16 bar	+130 °C	200 mm	7100-0011-6040-002	13,84 €
THE-MS 250MM	16 bar	+130 °C	250 mm	7100-0011-6050-002	15,50 €
Ordering example:	THE - MS 150MM (Brass immersion sleeve, Ø = 9 mm, EL = 150 mm) Other inserted lengths on request				
Note:	inner diameter of socket 5.2 mm, with adjusting screw M12 x 1.5				