

THERMOCOUPLES

with connection head
with exchangeable measuring insert
with protection tube for welding

For universal use in processes with liquid and gaseous media at high pressures.

Application areas

Air conditioning and refrigeration technology
Container and pipeline construction
Chemical industry
Apparatus construction
Heating and furnace construction



DRUCK & TEMPERATUR

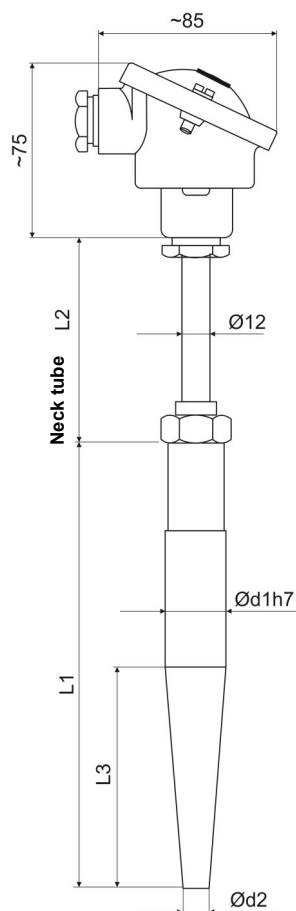


Type	7062	Options
Version	Basic version	EX-version GL-implementation (for ship-building industry)
Connection head	Form B according to DIN 43 729	Form BUZ (Ex-version) more on request
Operating temperature	-200°C up to +600°C -50 up to +400°C	up to 380°C at EX-version on request
Thermocouple	J (Fe-CuNi) DIN EN 60584 K (NiCr-Ni) DIN EN 60584	other (more noble) materials on request
Number thermocouple	1 thermocouple or 2 thermocouples	
Protection tube material	1.0460 (C22.8) or 1.4571	Others on request
Protection tube- Ø d1h7	18 mm 24 mm	Others on request
Protection tube- Ø d2	9 mm 12,5 mm	Others on request
Insert length L1	140, 200, 260 mm	Others on request
Neck tube length L2	130 mm	
Protection	IP54 according tube DIN EN 60 529	

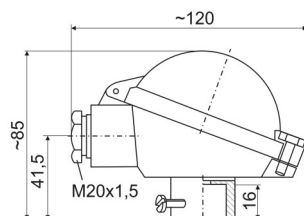
Type 7062

Dimensional drawing Dimensions in mm

with connection head Form B
version with neck tube



Connection head Form BUZ



Form	L1	L3	Ød1	Ød2	Ø Measuring insert	Thread
D1	140	65	24	13	6	M18 x 1,5
D2	200	125	24	13	6	M18 x 1,5
D4	200	65	24	13	6	M18 x 1,5
D4S	140	65	18	9	3	M14 x 1,5
D5	260	125	24	13	6	M18 x 1,5

Operating temperatures / Limit deviations for thermocouples Typ J und K according to DIN 60 584 (cold junction temperature 0°C)

Type	max. permissible continuous operating temperature in air (°C)	permissible limit deviation for class 1	in temperature range	permissible limit deviation for class 2	in temperature range
J	700 (temporary 900)	± 1,5 °C	-40°C up to 375 °C	± 2,5 °C	-40°C up to 333 °C
		± 0,004· t	375 up to 750°C	± 0,0075· t	333 up to 750°C
K	1000 (temporary 1200)	± 1,5 °C	-40°C up to 375 °C	± 1,5 °C	-40°C up to 333 °C
		± 0,004· t	375 up to 1000°C	± 0,004· t	333 up to 1000°C