

RESISTANCE THERMOMETER

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



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

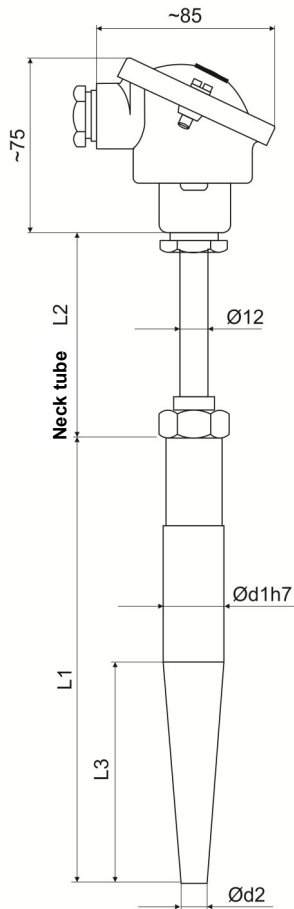
Applications

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

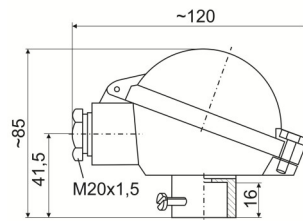
Type	7012	Options
Version	Basic version	EX-version GL-implementation (for ship-building industry)
Connection head	Form B according to DIN 43 729	Form BUZ (Ex-version) more on request
Application temperature	-200°C up to +600°C -50 up to +400°C	up to 380°C at EX-version on request
Temperature sensor	1 x Pt 100 cl. F0,15 1 x Pt 100 cl. F0,3 2 x Pt 100 cl. F0,15 2 x Pt 100 cl. F0,3	Others on request
Circuit types	2-wire-circuit 3-wire-circuit 4-wire-circuit	Output signal 4...20 mA
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	

Dimensional drawing Dimensions in mm

with connection head Form B
version with neck tube



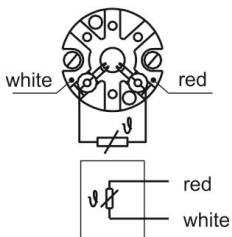
Connection head Form BUZ



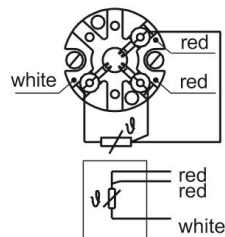
Form	L1	L3	Ød1	Ød2	Ø Measuring insert	Thread
D1	140	65	24	13	6	M18 x 1,5
D2	200	125	24	13	6	M18 x 1,5
D4	200	65	24	13	6	M18 x 1,5
D4S	140	65	18	9	3	M14 x 1,5
D5	260	125	24	13	6	M18 x 1,5

Pin configuration

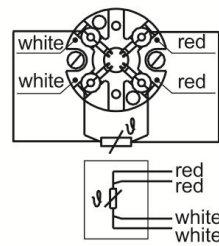
1 x Pt100, 2-wire



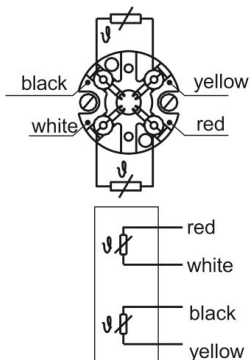
1 x Pt100, 3-wire



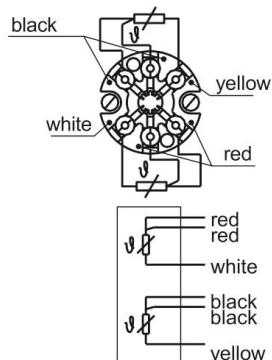
1 x Pt100, 4-wire



2 x Pt100, 2-wire



2 x Pt100, 3-wire



2 x Pt100, 4-wire

