

Термометр сопротивления WT-BD

Технические характеристики

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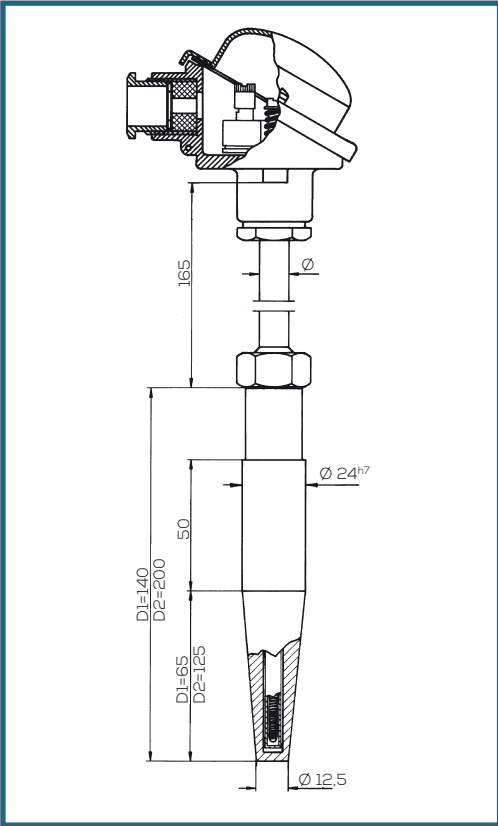
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WT-BD

WELD-IN RESISTANCE THERMOMETER ACC. TO DIN 43772
FORM 4, WITH EXCHANGEABLE INSERT



COMPLETE INSTRUMENTS
SPECIFICATION OF THE STANDARD DESIGN:

- + Connection head type B at light metal with cable gland
M 20 x 1,5 (acc. to DIN EN 50446)
- + Lagging tube Ø 11 mm at stainless steel 1.4571
- + Lagging tube length HL = 165 mm
- + Weld-in thermowell Ø 24 h7 mm
- + Material of weld-in thermowell acc. to table
- + Insert with rigid protection tube at stainless steel (acc. to DIN 43735)
- + Resistor 1x Pt100 or 2x Pt100 acc. to DIN EN 60751 class B
(ceramic resistor with bifilary wire winding)
- + 2-, 3- or 4-wire connection
- + Connection via ceramic terminal block with connection pins
- + Range -60 °C to 500 °C

SPARE WELD-IN THERMOWELLS ACC. TO DIN 43772 FORM 4
SPECIFICATION:

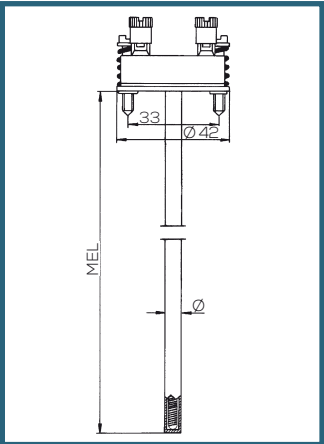
- + See the standard design

	1.0460 C22.8	1.5415 15Mo 3	1.7335 13CrMo 44	1.7380 10CrMo 9 10	1.4571 X6CrNiMoTi 17-12-2
D1	437006	437002	437003	437004	437005
D2	437106	437102	437103	437104	437105

SPARE INSERTS AT STANDARD DESIGN
SPECIFICATION:

- + See the standard design

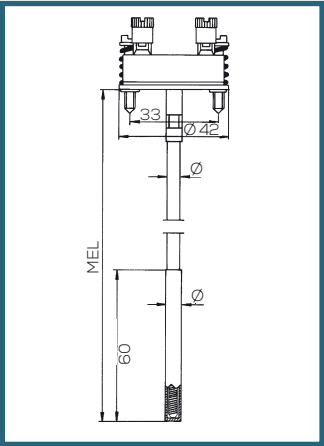
	Insert Ø mm	Insert Length in mm	2-Wire Connection		3-Wire Connection		4-Wire Connection	
			1x Pt100	2x Pt100	1x Pt100	2x Pt100	1x Pt100	2x Pt100
WT- ME-6	6	315	7661044	7661144	7661244	7661344	7661444	-
		375	7661045	7661145	7661245	7661345	7661445	-



SPARE INSERTS AT VIBRATION-PROOF DESIGN
SPECIFICATION:

- + Insert with rigid probe fitted on mineral-insulated cable (flexible) at stainless steel
- + Glass-resistor 1x Pt100 or 2x Pt100 acc. to DIN EN 60751 class B
- + Temperature range -50 °C to 300 °C

	Insert Ø mm	Insert Length in mm	2-Wire Connection		3-Wire Connection		4-Wire Connection	
			1x Pt100	2x Pt100	1x Pt100	2x Pt100	1x Pt100	2x Pt100
WT- ME- MI-6- SV	6	315	7671084	7671184	7671284	7671384	7671484	-
		375	7671085	7671185	7671285	7671385	7671485	-



OPTIONS (Order note on page 4)

Vibration-Proof	Add.-No.
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- + Complete instrument in vibration-proof design with insert WT-ME-MI-_-SV
(not 2x Pt100 in 4-wire connection) **Nr. - 99**

Complete instruments with connection heads (from page 58)			
+ Type BBK	No. -11	+ Type DAN-S	No. -14
+ Type BBG	No. -12	+ Type DANH	No. -15
+ Type DAN	No. -13	+ Type DANH-S	No. -16

Resistor in accuracy classes	
+ A acc. to DIN EN 60751	No. -01
+ AA acc. to DIN EN 60751	No. -02

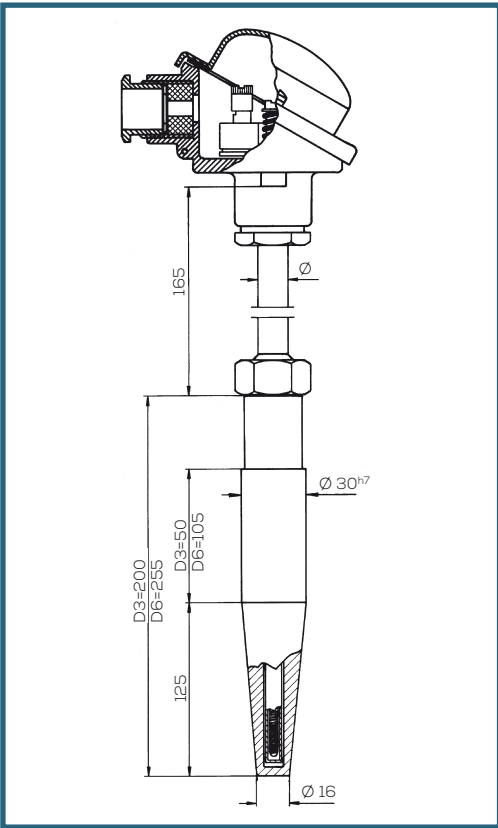
Head transmitters (from page 60)	
+ With 45 mm long open wire ends for connection of a head transmitter subsequently	No. -31
+ With head transmitter type 1 (fixed range, low-cost version)	No. -32
+ With head transmitter type 2 (programmable, elect. insulation)	No. -33
+ With head transmitter type 3 (as type 2, but EEx-Version)	No. -34

	Weld-in Thermo- well Length in mm	Taper Length	Material	Insert Ø mm	Insert Length in mm	2-Wire Connection		3-Wire Connection		4-Wire Connection	
						1x Pt100	2x Pt100	1x Pt100	2x Pt100	1x Pt100	2x Pt100
WT-BD-D1	140	65	1.0460 C22.8	6	315	7641041	7641141	7641241	7641341	7641441	-
			1.5415 15Mo 3			7641042	7641142	7641242	7641342	7641442	-
			1.7335 13CrMo 44			7641043	7641143	7641243	7641343	7641443	-
			1.7380 10CrMo 9 10			7641044	7641144	7641244	7641344	7641444	-
			1.4571 X6CrNiMoTi 17-12-2			7641045	7641145	7641245	7641345	7641445	-
WT-BD-D2	200	125	1.0460 C22.8	6	375	7641051	7641151	7641251	7641351	7641451	-
			1.5415 15Mo 3			7641052	7641152	7641252	7641352	7641452	-
			1.7335 13CrMo 44			7641053	7641153	7641253	7641353	7641453	-
			1.7380 10CrMo 9 10			7641054	7641154	7641254	7641354	7641454	-
			1.4571 X6CrNiMoTi 17-12-2			7641055	7641155	7641255	7641355	7641455	-

WT-BD

WELD-IN RESISTANCE THERMOMETER ACC. TO DIN 43772

FORM 4, WITH EXCHANGEABLE INSERT



COMPLETE INSTRUMENTS

SPECIFICATION OF THE STANDARD DESIGN:

- + Connection head type B at light metal with cable gland M 20 x 1,5 (acc. to DIN EN 50446)
- + Lagging tube Ø 11 mm at stainless steel 1.4571
- + Lagging tube length HL = 165 mm
- + Weld-in thermowell Ø 30 h7 mm
- + Material of weld-in thermowell acc. to table
- + Insert with rigid protection tube at stainless steel (acc. to DIN 43735)
- + Resistor 1x Pt100 or 2x Pt100 acc. to DIN EN 60751 class B (ceramic resistor with bifilary wire winding)
- + 2-, 3- or 4-wire connection
- + Connection via ceramic terminal block with connection pins
- + Range -60 °C to 500 °C

SPARE WELD-IN THERMOWELLS ACC. TO DIN 43772 FORM 4

SPECIFICATION:

- + See the standard design

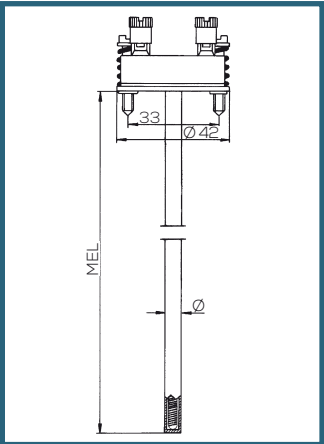
	1.0460 C22.8	1.5415 15Mo 3	1.7335 13CrMo 44	1.7380 10CrMo 9 10	1.4571 X6CrNiMoTi 17-12-2
D3	437206	437202	437203	437204	437205
D6	437506	437502	437503	437504	437505

SPARE INSERTS AT STANDARD DESIGN

SPECIFICATION:

- + See the standard design

	Insert Ø mm	Insert Length in mm	2-Wire Connection		3-Wire Connection		4-Wire Connection	
			1x Pt100	2x Pt100	1x Pt100	2x Pt100	1x Pt100	2x Pt100
WT- ME-8	8	375	7661075	7661175	7661275	7661375	7661475	7661575
		430	7661077	7661177	7661277	7661377	7661477	7661577

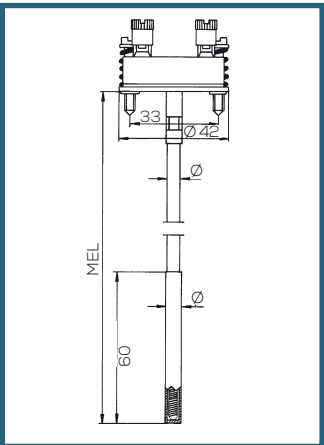


SPARE INSERTS AT VIBRATION-PROOF DESIGN

SPECIFICATION:

- + Insert with rigid probe fitted on mineral-insulated cable (flexible) at stainless steel
- + Glass-resistor 1x Pt100 or 2x Pt100 acc. to DIN EN 60751 class B
- + Temperature range -50 °C to 300 °C

	Insert Ø mm	Insert Length in mm	2-Wire Connection		3-Wire Connection		4-Wire Connection	
			1x Pt100	2x Pt100	1x Pt100	2x Pt100	1x Pt100	2x Pt100
WT- ME- MI-8- SV	8	375	7681005	7681105	7681205	7681305	7681405	-
		430	7681007	7681107	7681207	7681307	7681407	-



OPTIONS (Order note on page 4)

Vibration-Proof	Add.-No.
-----------------	----------

- + Complete instrument in vibration-proof design with insert WT-ME-MI-_-SV (not 2x Pt100 in 4-wire connection) **Nr. - 99**

Complete instruments with connection heads (from page 58)		
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- | | | | |
|------------|----------------|---------------|----------------|
| + Type BBK | No. -11 | + Type DAN-S | No. -14 |
| + Type BBG | No. -12 | + Type DANH | No. -15 |
| + Type DAN | No. -13 | + Type DANH-S | No. -16 |

Resistor in accuracy classes		
------------------------------	--	--

- | | |
|---------------------------|----------------|
| + A acc. to DIN EN 60751 | No. -01 |
| + AA acc. to DIN EN 60751 | No. -02 |

Head transmitters (from page 60)		
----------------------------------	--	--

- | | |
|--|----------------|
| + With 45 mm long open wire ends for connection of a head transmitter subsequently | No. -31 |
| + With head transmitter type 1 (fixed range, low-cost version) | No. -32 |
| + With head transmitter type 2 (programmable, elect. insulation) | No. -33 |
| + With head transmitter type 3 (as type 2, but EEx-Version) | No. -34 |

	Weld-in Thermo- well Length in mm	Taper Length	Material	Insert Ø mm	Insert Length in mm	2-Wire Connection		3-Wire Connection		4-Wire Connection	
WT-BD-D3	200	125	1.0460 C22.8	8	375	1x Pt100	2x Pt100	1x Pt100	2x Pt100	1x Pt100	2x Pt100
			1.5415 15Mo 3			7641061	7641161	7641261	7641361	7641461	7641561
			1.7335 13CrMo 44			7641062	7641162	7641262	7641362	7641462	7641562
			1.7380 10CrMo 9 10			7641063	7641163	7641263	7641363	7641463	7641563
			1.4571 X6CrNiMoTi 17-12-2			7641064	7641164	7641264	7641364	7641464	7641564
WT-BD-D6	255	125	1.0460 C22.8	8	430	7641065	7641165	7641265	7641365	7641465	7641565
			1.5415 15Mo 3			7641071	7641171	7641271	7641371	7641471	7641571
			1.7335 13CrMo 44			7641072	7641172	7641272	7641372	7641472	7641572
			1.7380 10CrMo 9 10			7641073	7641173	7641273	7641373	7641473	7641573
			1.4571 X6CrNiMoTi 17-12-2			7641074	7641174	7641274	7641374	7641474	7641574
						7641075	7641175	7641275	7641375	7641475	7641575



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