

Thermometer

type 5502/4 stainless steel

with weld-in thermowell TW55 type D

E 10.02.03

Ed.23.01

Design	Thermometer in stainless steel with radial stem in stainless steel. Compression fitting for mounting with weld-in thermowell TW55 type D
Type	5502/4
Design	EN 13190
Case diameter	Dim 100 mm
Accuracy Class	1,0% acc.to DIN EN 13190
Case	Stainless steel with bayonet type bezel Option with liquid filled case (max 0+250°C) Option with liquid filled case (Food compatible)
Glass	Instrumentglass Option with laminated safety glass, clear non-splintering plastic
Dial	White dial of aluminium with unit Celsius °C Option dial with unit °F or unit °C+F
Temperature element	Coiled bimetal
Working temperature	90% of range by permanent measuring 100% by short time measuring
Weather protection	IP 65 acc.to EN 60529 Option with IP 66 or IP 67
Location of stem	Radial stem
Stem	Ø 6 of stainless steel 1.4571
Length of stem	L ₁ -130, 195 or 255 mm Suited for thermowell D1, D2, D4 and D5
Connection	Compression fitting M18x1,5
Working pressure	Max pressure rating without thermowell = 25 bar
Ambient temperature	Max -40+70°C
Electrical device	Electrical kontakt see datasheet E10.03.06 or E10.03.07
Case dim 160 mm	Option with case dim 160 mm type 5503/4
Ex ATEX	Option with Ex ATEX protection
Certificate (option)	EN 10204-2.2 Test report State-of-the-art EN 10204-3.1 Certification of class and accuracy EN 10204-3.1 Accuracy calibration values listed
Thermowell TW55	Weld-in thermowell TW55 type D1, D2, D4 or D5 Inspection certificate 3.1 EN 10204 Material certificate: Wetted parts material with mill certificate incl. chemical analysis Charge number and material designation



Thermometer 5502/4
with weld-in thermowell

Thermometer

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Code number for thermometer 5502/4

Thermometer 5502/4 dim 100 mm

with radial stem and compression fitting M18x1,5



Type	Range	Connection	L1-130x6	L1-195x6	L1-255x6
5502/4	-30 + 50°C	M18x1,5	55024626	55024628	55024630
5502/4	-20 + 60°C	M18x1,5	55024826	55024828	55024830
5502/4	0 + 60°C	M18x1,5	55020226	55020228	55020230
5502/4	0 + 80°C	M18x1,5	55020326	55020328	55020330
5502/4	0 + 100°C	M18x1,5	55021326	55021328	55021330
5502/4	0 + 120°C	M18x1,5	55020426	55020428	55020430
5502/4	0 + 160°C	M18x1,5	55020726	55020728	55020730
5502/4	0 + 200°C	M18X1,5	55020826	55020828	55020830
5502/4	0 + 250°C	M18x1,5	55021026	55021028	55021030
5502/4	0 + 300°C	M18x1,5	55021526	55021528	55021530
5502/4	0 + 400°C	M18x1,5	55021726	55021728	55021730
5502/4	0 + 500°C	M18x1,5	55021926	55021928	55021930
5502/4	0 + 600°C	M18x1,5	55022026	55022028	55022030

Code number

Thermowell TW 55 DIN 43772 form 4

Material certificate 3.1 EN 10204

Wetted parts material with mill certificate

incl. chemical analysis

Charge number and material designation



Material - standard	D 1	D 2	D 4	D 5
Carbon steel P250GH (1.0460) (C22.8)	75101901	75101902	75101904	75101905
Stainless steel 1.4571	75102001	75102002	75102004	75102005
Carbon steel 1.7335 (13CrMo4-5)	75102101	75102102	75102104	75102105

Material - special	D 1	D 2	D 4	D 5
Carbon steel 1.5415 (15Mo3/16Mo3)	75102601	75102602	75102604	75102605
Carbon steel 1.7380 (10CrMo910)	75102301	75102302	75102304	75102305
Chromium/Molybdenum alloy steel F91	75102501	75102502	75102504	75102505
Stainless steel Duplex F51 (1.4462)	75102201	75102202	75102204	75102205
Stainless steel 1.4539	75102701	75102702	75102704	75102705
Stainless steel 304/304L (1.4307)	75102901	75102902	75102904	75102905

Immersion length thermometer	L1-130x6 mm	L1-195x6 mm	L1-195x6 mm	L1-255x6 mm
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Part of your business

Thermometer

type 5502/4 stainless steel

with weld-in thermowell TW55 type D

E 10.02.03

Code number for thermometer 5502/4

Thermometer 5502/4 dim 100 mm
with radial stem Ø 6 mm
and compression fitting M18x1,5

Completed with weld-in thermowell TW55 type D
Material certificate 3.1 EN 10204
Wetted parts material with mill certificate
incl. chemical analysis
Charge number and material designation



Thermometer 5502/4 dim 100 with TW55 Carbon steel P250GH (1.0460) (C22.8)	D 1	D 2	D 4	D 5
	L1-130x6	L1-195x6	L1-195x6	L1-255x6
-30 + 50°C	55026401	55026402	55026404	55026405
-20 + 60°C	55025301	55025302	55025304	55025305
0 + 60°C	55025201	55025202	55025204	55025205
0 + 80°C	55026201	55026202	55026204	55026205
0 + 100°C	55026301	55026302	55026304	55026305
0 + 120°C	55025401	55025402	55025404	55025405
0 + 160°C	55025501	55025502	55025504	55025505
0 + 200°C	55026501	55026502	55026504	55026505
0 + 250°C	55025601	55025602	55025604	55025605
0 + 300°C	55025701	55025702	55025704	55025705
0 + 400°C	55025801	55025802	55025804	55025805
0 + 500°C	55026601	55026602	55026604	55026605
0 + 600°C	55026001	55026002	55026004	55026005

Thermometer 5502/4 dim 100 with TW55 Stainless steel 1.4571	D 1	D 2	D 4	D 5
	L1-130x6	L1-195x6	L1-195x6	L1-255x6
-30 + 50°C	55026411	55026412	55026414	55026415
-20 + 60°C	55025311	55025312	55025314	55025315
0 + 60°C	55025211	55025212	55025214	55025215
0 + 80°C	55026211	55026212	55026214	55026415
0 + 100°C	55026311	55026312	55026314	55026315
0 + 120°C	55025411	55025412	55025414	55025415
0 + 160°C	55025511	55025512	55025514	55025515
0 + 200°C	55026511	55026512	55026514	55026515
0 + 250°C	55025611	55025612	55025614	55025615
0 + 300°C	55025711	55025712	55025714	55025715
0 + 400°C	55025811	55025812	55025814	55025815
0 + 500°C	55026611	55026612	55026614	55026615
0 + 600°C	55026011	55026012	55026014	55026015

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Thermometer 5502/4 dim 100 mm
with radial stem \varnothing 6 mm
and compression fitting M18x1,5

Completed with weld-in thermowell TW55 type D
Material certificate 3.1 EN 10204
Wetted parts material with mill certificate
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Charge number and material designation



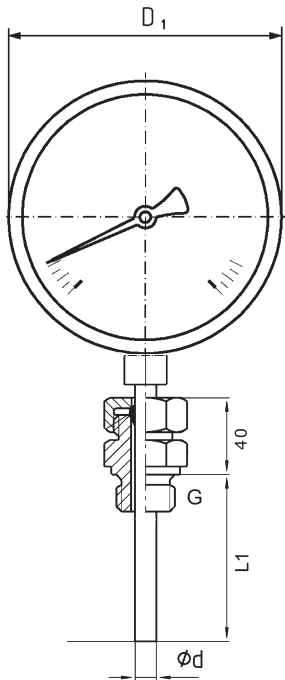
Thermometer 5502/4 dim 100 with TW55 1.7335/13CrMo4-5	D 1	D 2	D 4	D 5
	L1-130x6	L1-195x6	L1-195x6	L-255x6
-30 + 50°C	55026421	55026422	55026424	55026425
-20 + 60°C	55025321	55025322	55025324	55025325
0 + 60°C	55025221	55025222	55025224	55025225
0 + 80°C	55026221	55026222	55026224	55026225
0 + 100°C	55026321	55026322	55026324	55026325
0 + 120°C	55025421	55025422	55025424	55025425
0 + 160°C	55025521	55025522	55025524	55025525
0 + 200°C	55026521	55026522	55026524	55026525
0 + 250°C	55025621	55025622	55025624	55025625
0 + 300°C	55025721	55025722	55025724	55025725
0 + 400°C	55025821	55025822	55025824	55025825
0 + 500°C	55026621	55026622	55026624	55026625
0 + 600°C	55026021	55026022	55026024	55026025

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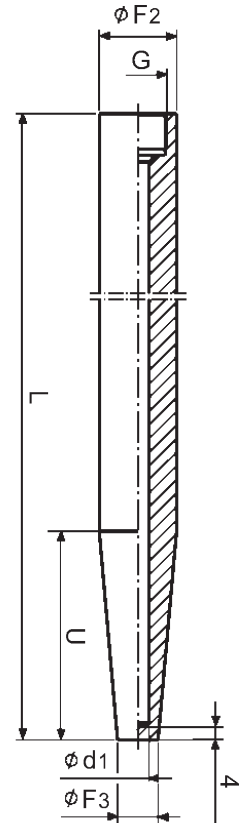
Type	Dim	D1	d	i	SW	L1	G
5502/4	100	101	6	12	24	130, 195 or 255	M18x1,5
5503/4	160	161	6	12	24	130, 195 or 255	M18x1,5

Immersion length

L1-130 mm for thermowell type D 1
 L1-195 mm for thermowell type D 2 and D 4
 L1-255 mm for thermowell type D 5

Weld-in thermowell TW55 type D

Type	L	U	F2	F3	N	d1
D 1	140	65	24	12,5	M18x1,5	7
D 2	200	125	24	12,5	M18x1,5	7
D 4	200	65	24	12,5	M18x1,5	7
D 5	260	125	24	12,5	M18x1,5	7



Connection piece D-45

Connection piece. Material certificate 3.1 EN 10204
 Wetted parts material with mill certificate incl. chemical analysis
 Chargenummer och materialbeteckning

Material - standard	Art.nr
Carbon steel P250GH (1.0460) (C22.8)	75401000
Stainless steel 1.4571	75401010
Carbon steel 1.7335 (13CrMo4-5)	75401020



Material - special	Art.nr
Stainless steel 1.4404	75401023
Chromium/Molybdenum alloy steel F91	75401026
Stainless steel Duplex F51 (1.4462)	75401022
Stainless steel Duplex 1.4539	75401024
Carbon Steel A105	75401025
Carbon steel 1.7380 (10CrMo910)	75401031
Carbon steel 1.5415 (15Mo3/16Mo3)	75401028
Stainless steel 304/304L (1.4307)	75401034
Stainless steel 1.4541	75401029
Stainless steel 1.4301	75401032
Hastelloy C-276	75401033

