

Resistance Thermometer

type 9430

extension neck 165 mm and weld-in thermowell TW55 type D

E 12.04.01

Ed.23.01

Design	Resistance thermometer with Pt 100 element With extension neck 50 mm and weld-in thermowell
Type	9430
Sensor	1 x Pt 100 according to DIN EN 60751, class B
System	3- wire system
Range	-50+500°C
Probe	Exchangeable probe in stainless steel 316L Probe diameter Ø6 mm, connection flange Ø42 mm
Connection head	Form B, type BS aluminium blue-painted Protection class IP 65, cable connection M20x1,5
Ambient temperature	Ambient temperature on connection head max 120°C With mounted temperature transmitter max 85°C
Extension neck	165 mm in stainless steel 1.4571
Thermowell TW55	Weld-in thermowell TW55 type D1, D2, D4 or D5 Material steel or stainless steel Female M18x1,5 for thermometer Certificate 3.1 wetted parts incl. chemical analysis Permanent marking with charge number
Transmitter	Option with analogue temperature transmitter T15 Mounted in connection head Power supply 12-36 VDC, output signal 4-20 mA 2-wire Delivered with preset measuring range See datasheet TE 15.01



Temperature transmitter T15
Output signal 4-20 mA

Resistance Thermometer

type 9430

E 12.04.01

extension neck 165 mm and weld-in thermowell TW55 type D

Code number

Resistance thermometer 9430 **WITHOUT** thermowell TW55 type D

Type	Probe	Neck	Suited for	Code
9430	315 mm	165 mm	D 1	94300315
9430	375 mm	165 mm	D 2	94300375
9430	375 mm	165 mm	D 4	94300375
9430	435 mm	165 mm	D 5	94300435



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

Suited for resistance thermometer	94200220	94200280	94200280	94200340
-----------------------------------	----------	----------	----------	----------

Resistance Thermometer

type 9430

extension neck 165 mm and weld-in thermowell TW55 type D

E 12.04.01

Code number

Resistande thermometer 9430 with extension neck 165 mm
and weld-in thermowell TW55 type D

Type	Weld	Material	Neck	Code
9430	D 1	Carbon steel P250GH (1.0460) (C22.8)	165 mm	94301001
9430		Stainless steel 1.4571	165 mm	94302001
9430		Carbon steel 1.7335 (13CrMo4-5)	165 mm	94303001
9430	D 2	Carbon steel P250GH (1.0460) (C22.8)	165 mm	94301002
9430		Stainless steel 1.4571	165 mm	94302002
9430		Carbon steel 1.7335 (13CrMo4-5)	165 mm	94303002
9430	D 4	Carbon steel P250GH (1.0460) (C22.8)	165 mm	94301003
9430		Stainless steel 1.4571	165 mm	94302003
9430		Carbon steel 1.7335 (13CrMo4-5)	165 mm	94303003
9430	D 5	Carbon steel P250GH (1.0460) (C22.8)	165 mm	94301004
9430		Stainless steel 1.4571	165 mm	94302004
9430		Carbon steel 1.7335 (13CrMo4-5)	165 mm	94303004



Code number

Resistande thermometer 9430 with extension neck 165 mm and weld-in thermowell TW55 type D
Design with transmitter T15 mounted in connection head
Output signal 4-20 mA with preset measuring range

Type	Weld	Material	Range	Neck	Code
9430	D 1	Carbon steel P250GH (1.0460) (C22.8)	0 + 100°C	165 mm	94307102
9430		Carbon steel P250GH (1.0460) (C22.8)	0 + 150°C	165 mm	94307103
9430		Carbon steel P250GH (1.0460) (C22.8)	0 + 200°C	165 mm	94307104
9430		Carbon steel P250GH (1.0460) (C22.8)	0 + 300°C	165 mm	94307106
9430	D 1	Stainless steel 1.4571	0 + 100°C	165 mm	94308102
9430		Stainless steel 1.4571	0 + 150°C	165 mm	94308103
9430		Stainless steel 1.4571	0 + 200°C	165 mm	94308104
9430		Stainless steel 1.4571	0 + 500°C	165 mm	94308107
9430	D 1	Carbon steel 1.7335 (13CrMo4-5)	0 + 100°C	165 mm	94309102
9430		Carbon steel 1.7335 (13CrMo4-5)	0 + 150°C	165 mm	94309103
9430		Carbon steel 1.7335 (13CrMo4-5)	0 + 200°C	165 mm	94309104



Resistance Thermometer

E 12.04.01

type 9430

extension neck 165 mm and weld-in thermowell TW55 type D

Code number

Resistande thermometer 9430 with extension neck 165 mm and weld-in thermowell TW55 type D

Design with transmitter 15 mounted in connection head

Output signal 4-20 mA with preset measuring range

Type	Weld	Material	Range	Neck	Code
9430	D 2	Carbon steel P250GH (1.0460) (C22.8)	0 + 100°C	165 mm	94307202
9430		Carbon steel P250GH (1.0460) (C22.8)	0 + 150°C	165 mm	94307203
9430		Carbon steel P250GH (1.0460) (C22.8)	0 + 200°C	165 mm	94307204
9430		Carbon steel P250GH (1.0460) (C22.8)	0 + 300°C	165 mm	94307206
9430	D 2	Stainless steel 1.4571	0 + 100°C	165 mm	94308202
9430		Stainless steel 1.4571	0 + 150°C	165 mm	94308203
9430		Stainless steel 1.4571	0 + 200°C	165 mm	94308204
9430	D 2	Carbon steel 1.7335 (13CrMo4-5)	0 + 100°C	165 mm	94309202
9430		Carbon steel 1.7335 (13CrMo4-5)	0 + 150°C	165 mm	94309203
9430		Carbon steel 1.7335 (13CrMo4-5)	0 + 200°C	165 mm	94309204
9430		Carbon steel 1.7335 (13CrMo4-5)	0 + 500°C	165 mm	94309210



Type	Weld	Material	Range	Neck	Code
9430	D 4	Carbon steel P250GH (1.0460) (C22.8)	0 + 100°C	165 mm	94307302
9430		Carbon steel P250GH (1.0460) (C22.8)	0 + 150°C	165 mm	94307303
9430		Carbon steel P250GH (1.0460) (C22.8)	0 + 200°C	165 mm	94307304
9430		Carbon steel P250GH (1.0460) (C22.8)	0 + 300°C	165 mm	94307306
9430		Carbon steel P250GH (1.0460) (C22.8)	0 + 400°C	165 mm	94307308
9430	D 4	Stainless steel 1.4571	0 + 100°C	165 mm	94308302
9430		Stainless steel 1.4571	0 + 150°C	165 mm	94308303
9430		Stainless steel 1.4571	0 + 200°C	165 mm	94308304
9430		Stainless steel 1.4571	0 + 250°C	165 mm	94308305
9430		Stainless steel 1.4571	-30 + 140°C	165 mm	94308306
9430		Stainless steel 1.4571	0 + 400°C	165 mm	94308308
9430	D 4	Carbon steel 1.7335 (13CrMo4-5)	0 + 100°C	165 mm	94309302
9430		Carbon steel 1.7335 (13CrMo4-5)	0 + 150°C	165 mm	94309303
9430		Carbon steel 1.7335 (13CrMo4-5)	0 + 200°C	165 mm	94309304
9430		Carbon steel 1.7335 (13CrMo4-5)	0 + 500°C	165 mm	94309310

Resistance Thermometer

E 12.04.01

type 9430

extension neck 165 mm and weld-in thermowell TW55 type D

Code number

Resistance thermometer 9430 with extension neck 165 mm and weld-in thermowell TW55 type D

Design with transmitter T15 mounted in connection head

Output signal 4-20 mA with preset measuring range

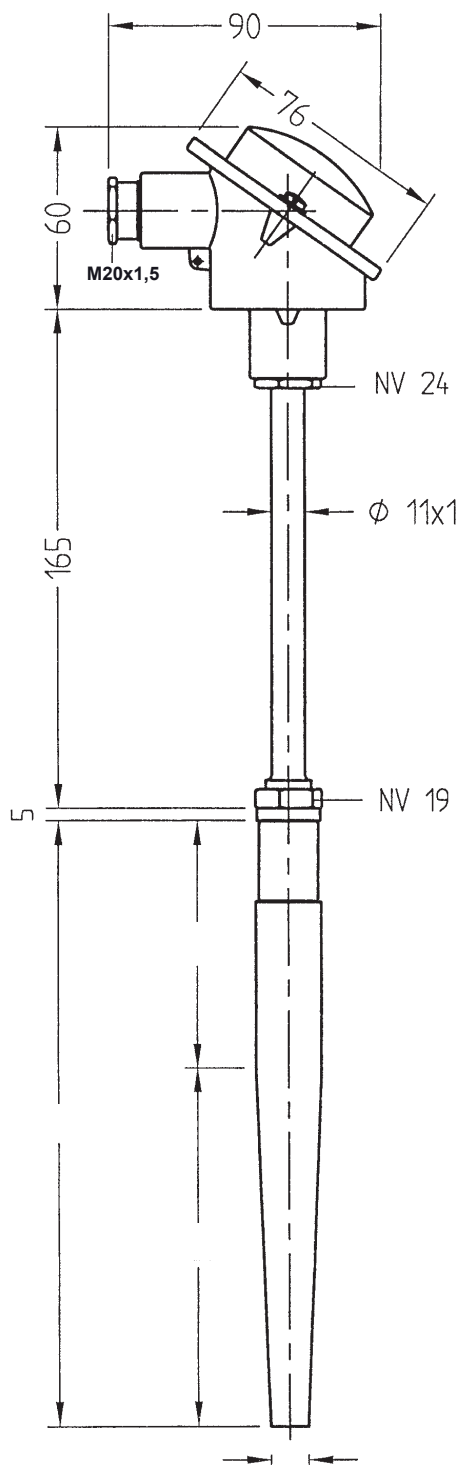
Type	Weld	Material	Range	Neck	Code
9430	D 5	Carbon steel P250GH (1.0460) (C22.8)	0 + 100°C	165 mm	94307402
9430		Carbon steel P250GH (1.0460) (C22.8)	0 + 150°C	165 mm	94307403
9430		Carbon steel P250GH (1.0460) (C22.8)	0 + 200°C	165 mm	94307404
9430	D 5	Stainless steel 1.4571	0 + 100°C	165 mm	94308402
9430		Stainless steel 1.4571	0 + 150°C	165 mm	94308403
9430		Stainless steel 1.4571	0 + 200°C	165 mm	94308404
9430		Stainless steel 1.4571	0 + 250°C	165 mm	94308405
9430	D 5	Carbon steel 1.7335 (13CrMo4-5)	0 + 100°C	165 mm	94309402
9430		Carbon steel 1.7335 (13CrMo4-5)	0 + 150°C	165 mm	94309403
9430		Carbon steel 1.7335 (13CrMo4-5)	0 + 200°C	165 mm	94309404
9430		Carbon steel 1.7335 (13CrMo4-5)	0 + 500°C	165 mm	94309410

Resistance Thermometer

type 9430

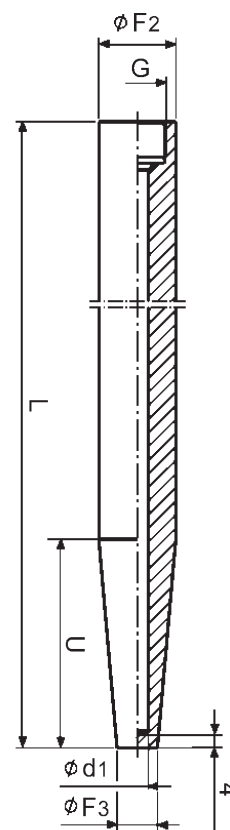
extension neck 165 mm and weld-in thermowell TW55 type D

E 12.04.01



Weld-in thermowell TW55 typ 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



Resistance Thermometer

type 9430

E 12.04.01

extension neck 165 mm and weld-in thermowell TW55 type D

Connection piece D-45

Connection piece. Material certificate 3.1 EN 10204

Wetted parts material with mill certificate incl. chemical analysis

Chargennummer 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

