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JUMO Process Control, Inc.
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ATEX Thermowell for zone separation 0/1 or 20/21

with standard acceptance inspection certificate 3.1 according to DIN EN 10204

Description

The explosion-proof protective thermowells are used for the installation of exTHERM-AT surface-mounted thermostats.

The devices are used for replacement without draining the system and/or requiring pressure resistance.

The devices are specifically designed for use in zone separation 0/1 or 20/21.

Areas of application

- Combined heat and power plants
- Boiler construction
- Dust removal plants/filter technology

Special features

- Screw-in sleeve or weld-in sleeve
- Various installation lengths available from stock
- Special lengths possible



Type 605057/20



Type 605057/22

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Approval marks and certificates



Observe "Special conditions for safe use" in hazardous areas.

Certificates for approved device versions are available for download on the manufacturer's website.

Technical data

Ex identification marking

ATEX	II 1/2 G Ex Ga/Gb II 1/2 D Ex Da/Db
UKEX	II 1/2 G Ex Ga/Gb II 1/2 D Ex Da/Db

Environmental influences

Observe the maximum admissible probe temperature of the respective device version.

Operating temperature	Temperature	Thermowell Ø	
		10 × 1.5 mm	16 × 1.5 mm
Without load	°C	Max. admissible pressure	
		bar	bar
	100	74	50
	150	71	48
	200	67	45
	300	58	39
	400	54	36
	530	0	0

Mechanical features

Thermowell and nipple (pipe connector)

Material	1.4571 (316 Ti)
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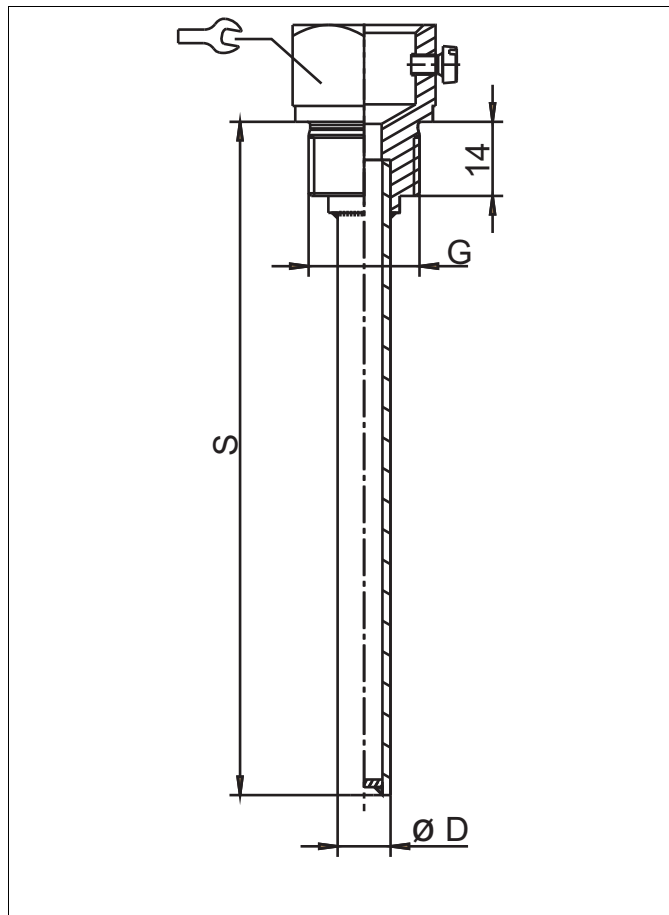
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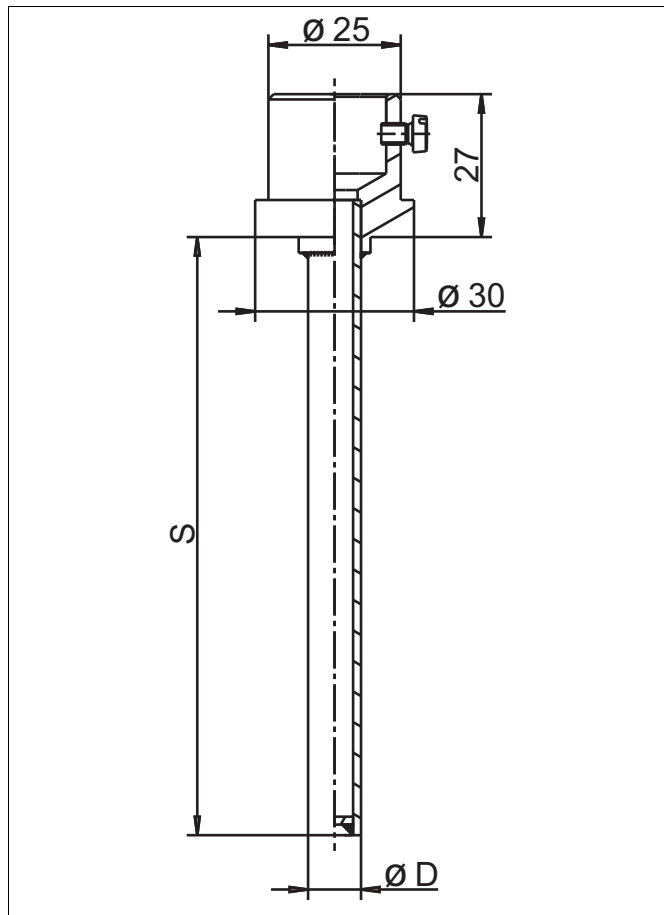


Dimensions

Type 605057/20



Type 605057/22



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Order details

(1)	Basic type
605057	ATEX Thermowell for zone separation 0/1 or 20/21
(2)	Process connection
20	Screw-in thermowell
22	Thermowell with welding shoulder, straight
(3)	Thread type process connection
00	None
13	G 1/2
14	G 3/4
(4)	Material process connection
20	CrNi (stainless steel)
(5)	Insertion length EL in mm
100	100 mm
150	150 mm
200	200 mm
300	300 mm
(6)	Immersion tube diameter
10	10 mm
16	16 mm
(7)	Extra codes
000	None
374	Acceptance test certificate 3.1 Material DIN EN 10204

	(1)		(2)		(3)		(4)		(5)		(6)		(7)
Order code		/		-		-		-		-		/	
Order example	605057	/	20	-	13	-	20	-	200	-	10	/	374

Stock versions

Order code	Part no.
605057/20-13-20-100-10/374	60003376
605057/20-13-20-150-10/374	60003396
605057/20-13-20-200-10/374	60003377
605057/20-13-20-300-10/374	60003378
605057/22-00-20-100-10/374	60003379
605057/22-00-20-150-10/374	60003397
605057/22-00-20-200-10/374	60003380
605057/22-00-20-300-10/374	60003381