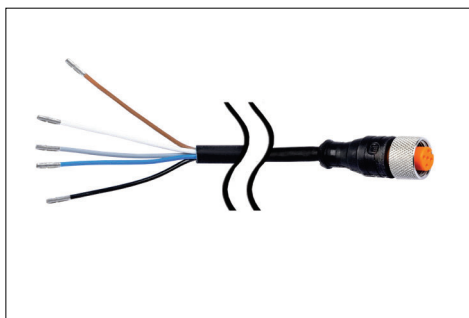
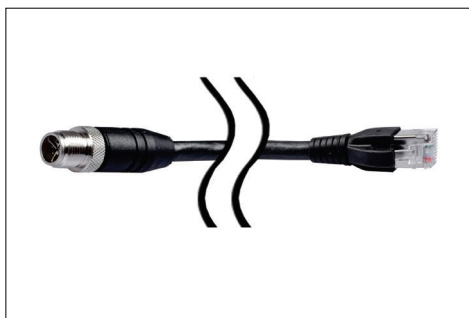




Accessories VA 500/520/525



DESCRIPTION	ORDER NO.
Connection cable for VA/FA series, 5 m	0553 0104
Connection cable for VA/FA sensors, 10 m	0553 0105
Connection cable for VA/FA series, 20 m	0553 0120
Cable for alarm/pulse output, with M12 plug, 5 m	0553 0106
Cable for alarm/pulse output, with M12 plug, 10 m	0553 0107
Connection cable for VA/FA series, 5 m shielded	0553 0129
Connection cable for VA/FA series, 10 m shielded	0553 0130



DESCRIPTION	ORDER NO.
Ethernet connection cable, length 5 m, M12 plug x-coded (8 pin) to RJ 45 plug	0553 2503
Ethernet connection cable, length 10 m, M12 plug x-coded (8 pin) to RJ 45 plug	0553 2504
Ethernet connection cable, length 20 m, M12 plug x-coded (8 pin) to RJ 45 plug	0553 2505



DESCRIPTION	ORDER NO.
M12 T-plug for VA 500/520 for connecting multiple sensors to an M-Bus or Modbus network	0 2000 0823



DESCRIPTION	ORDER NO.
M12 plug for VA 500/520/525	0 2000 0082
M12 plug 90° angled	0219 0060

Accessories VA 500/550



DESCRIPTION	ORDER NO.
Drilling jig incl. drill (Ø 13 mm)	0530 1108



DESCRIPTION	ORDER NO.
Wall thickness measuring device CS 0495 incl. case and calibration block	0560 0495



DESCRIPTION	ORDER NO.
Welding nipple, L = 35 mm, male thread, R 1/2" stainless steel 1.4301	3300 0006
Welding nipple, L = 35 mm, male thread, R 1/2" stainless steel 1.4571	3300 0007



DESCRIPTION	ORDER NO.
Ball valve 1/1 G 1/2" stainless steel	3300 0002



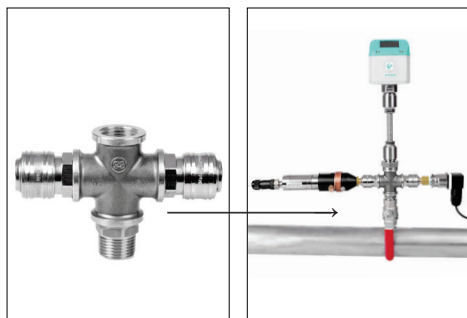
DESCRIPTION	ORDER NO.
High-pressure safety device for the installation of insertion sensors > 10 bar, incl. ball valve	0530 2205

Order code: **0530 2205 _A1_B1_C1_D1**

Sensor Type	
A1	VA 500 (up to 50 bar)
A2	VA 550 (up to 100 bar)
A3	VD 500 (up to 30 bar)
A4	VD 550 (up to 100 bar)
Sensor length	
B1	160 mm
B2	220 mm
B3	300 mm
B4	400 mm
B5	500 mm
B6	600 mm
Connection thread	
C1	G 1/2"
C2	NPT 1/2"
Approval	
D1	Without
D2	DVGW (up to 16 bar)



Accessories VA 500/550



DESCRIPTION

X-connection for connection of pressure and dew point sensor at the same measuring point (incl. 2x quick-lock coupling)

ORDER NO.

0553 0133



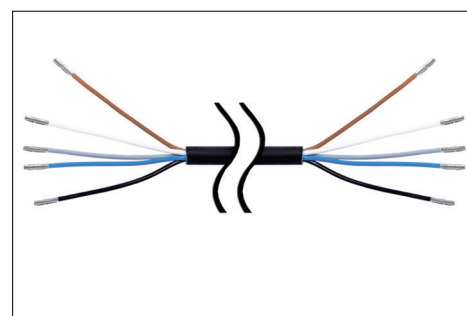
DESCRIPTION

Thread adapter G 1/2" female thread to NPT 1/2" male thread

ORDER NO.

0553 0134

Accessories VA 550/570



DESCRIPTION

Connection cable 5 m with open ends

ORDER NO.

0553 0108

Connection cable 10 m with open ends

0553 0109



Standard

ATEX

DESCRIPTION

PNG cable screwing M20 x 1,5- for standard

ORDER NO.

0553 0552

PNG cable screwing M20 x 1,5 - for ATEX

0553 0551

Accessories VA 520/570



Aluminium

DESCRIPTION

Closing cap for measuring section VA 520/VA 570
(material: aluminium)

ORDER NO.

0190 0001

Closing cap for measuring section VA 520/VA 570
(material: stainless steel 1.4404)

0190 0002

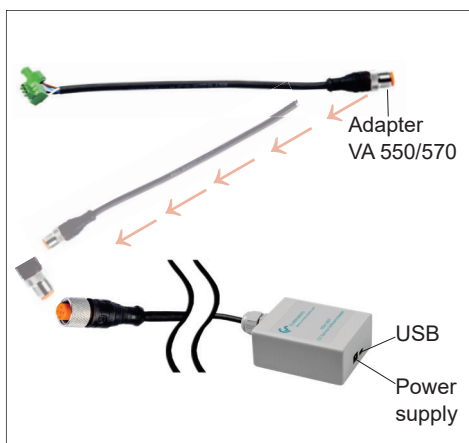
Accessories for all VA 5xx



DESCRIPTION	ORDER NO.
Mains unit in wall housing for maximum 2 sensors of the series VA/FA 5xx, 100-240 V, 23 VA, 50-60 Hz / 24 VDC, 0.35 A	0554 0110
Mains unit in wall housing for max. 4 sensors of the series VA500/520 100-240 V, 23 VA, 50-60 Hz / 24 VDC, 0,35 A	0554 0111



DESCRIPTION	ORDER NO.
AC adapter plug 100-240 VAC / 24 VDC for VA/FA 5xx	0554 0109



DESCRIPTION	ORDER NO.
CS Service Software incl. PC connection set, USB connection and interface adapter to the sensor	0554 2007

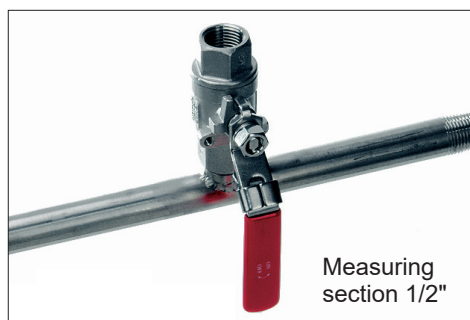


DESCRIPTION	ORDER NO.
External Gateway PROFIBUS for connection to integrated RS 485 interface	Z500 3008
External Gateway PROFINET for connection to integrated RS 485 interface	Z500 3009



DESCRIPTION	ORDER NO.
Case for all sensors (dimensions: 500 x 360 x 120 mm)	0554 6006

Practical measuring section accessories



MALE THREAD	PIPE (OUTER Ø X WALL THICKNESS)	TOTAL LENGTH	ORDER NO.
R 1/2"	21.3 x 2.6 mm	500 mm	4000 0015
R 3/4"	26.9 x 2.6 mm	600 mm	4000 0020
R 1"	33.7 x 3.2 mm	750 mm	4000 0025
R 1 1/4"	42.4 x 3.2 mm	900 mm	4000 0032
R 1 1/2"	48.3 x 3.2 mm	1000 mm	4000 0040
R 2"	60.3 x 3.6 mm	1250 mm	4000 0050
R 2 1/2"	76.1 x 3.6 mm	1500 mm	4000 0065

From DN 80 with flange DIN 2633

DN 80/88.9	88.9 x 2.0 mm	1850 mm	4000 0080
DN 100/114.3	114.3 x 2.0 mm	2104 mm	4000 0100
DN 125/139.7	139.7 x 3.0 mm	2860 mm	4000 0125
DN 150/168.3	168.3 x 3.0 mm	3110 mm	4000 0150

Measuring sections for precise measurements:

Measuring section in stainless steel 1.4301 incl. ball valve, up to DN 65 (R2 1/2") with R-male thread, from DN 80 with weld neck flange in acc. with DIN 2633.

Practical spot drilling collar accessories for compressed air lines



If there is no measuring site with 1/2" ball valve present on existing pipes, it can be set up quickly and cost-effectively by means of spot drilling collars. The spot drilling collar is imposed onto the pipe and tightened via thread rods. The enveloping rubber gasket is pressure-tight up to 11 bar. By means of the drilling jig, it is possible to drill the spot drilling collar through the 1/2" ball valve into the existing pipe.

Important: Please indicate the exact outer diameter of the existing pipe when placing the order resp. please select the suitable spot drilling collar from the adjoining list.

DESCRIPTION	DN	ORDER NO.
Spot drilling collar for pipe Ø 032 - 036 mm, length: 150 mm*		0500 0446
Spot drilling collar for pipe Ø 036 - 040 mm, length: 150 mm*		0500 0448
Spot drilling collar for pipe Ø 040 - 044 mm, length: 150 mm*		0500 0449
Spot drilling collar for pipe Ø 044 - 051 mm, length: 200 mm*		0500 0610
Spot drilling collar for pipe Ø 048 - 055 mm, length: 200 mm*	40	0500 0611
Spot drilling collar for pipe Ø 052 - 059 mm, length: 200 mm*		0500 0612
Spot drilling collar for pipe Ø 057 - 064 mm, length: 200 mm*	50	0500 0613
Spot drilling collar for pipe Ø 063 - 070 mm, length: 200 mm*		0500 0614
Spot drilling collar for pipe Ø 070 - 077 mm, length: 200 mm*	65	0500 0615
Spot drilling collar for pipe Ø 075 - 083 mm, length: 200 mm*		0500 0616
Spot drilling collar for pipe Ø 082 - 090 mm, length: 200 mm*		0500 0617
Spot drilling collar for pipe Ø 087 - 097 mm, length: 200 mm*	80	0500 0618
Spot drilling collar for pipe Ø 095 - 104 mm, length: 200 mm*		0500 0619
Spot drilling collar for pipe Ø 102 - 112 mm, length: 200 mm*		0500 0620
Spot drilling collar for pipe Ø 108 - 118 mm, length: 200 mm*	100	0500 0621
Spot drilling collar for pipe Ø 118 - 128 mm, length: 200 mm*		0500 0622
Spot drilling collar for pipe Ø 125 - 135 mm, length: 200 mm*		0500 0623
Spot drilling collar for pipe Ø 133 - 144 mm, length: 200 mm*	125	0500 0624
Spot drilling collar for pipe Ø 145 - 155 mm, length: 250 mm*		0500 0625
Spot drilling collar for pipe Ø 151 - 161 mm, length: 250 mm*	150	0500 0626
Spot drilling collar for pipe Ø 159 - 170 mm, length: 250 mm*		0500 0627
Spot drilling collar for pipe Ø 168 - 180 mm, length: 250 mm*		0500 0628
Spot drilling collar for pipe Ø 180 - 191 mm, length: 250 mm*	175	0500 0629
Spot drilling collar for pipe Ø 193 - 203 mm, length: 300 mm*		0500 0630
Spot drilling collar for pipe Ø 200 - 210 mm, length: 300 mm*		0500 0631
Spot drilling collar for pipe Ø 209 - 220 mm, length: 300 mm*	200	0500 0632

*incl. 1/2" ball valve

*not suitable for copper and plastic pipes

*not suitable for aluminum

Practical accessories:

Drill clamp for installing insertion sensors during operation

Sample order code:

0500 0800_A1_B1_C1

Outer pipe diameter	
A20	Ø 075 - 105 mm
A21	Ø 090 - 120 mm
A22	Ø 110 - 140 mm
A23	Ø 135 - 165 mm
A24	Ø 165 - 195 mm
A25	Ø 195 - 225 mm
A26	Ø 220 - 250 mm
A27	Ø 250 - 280 mm
A28	Ø 275 - 305 mm
A29	Ø 305 - 335 mm
Other sizes available on request	

Ball valve	
B1	For sensors with 1/2" screw-in thread
B2	For sensors with 3/4" screw-in thread

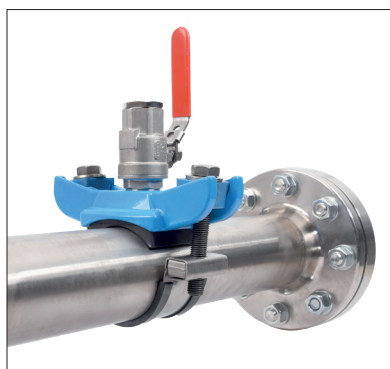
Screw-in thread	
C1	G thread
C2	NPT thread

TECHNICAL DATA DRILLING CLAMP

Material of clamp upper part:	Cast iron GJS-400, epoxy-coated
Strip material:	Stainless steel, AISI 316
Belt width:	60 mm, EPDM tape
Standard rubber seal:	NBR
System pressure:	up to 11 bar

When using a tapping clamp, please allow for a 100 mm longer sensor shaft.
The tapping clamps are not suitable for copper, aluminum, and plastic pipes.

*Only available for 1/2" insertion sensors





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