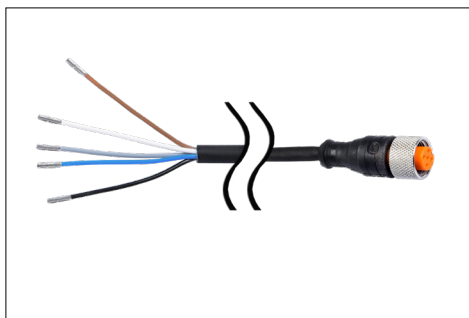
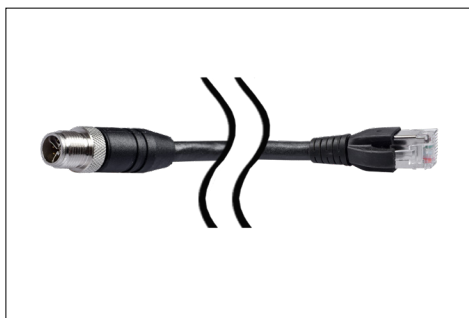




## Accessories VA 500/520/525



| 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

Wall thickness measuring device CS 0495 incl. case and calibration block

#### ORDER NO.

0560 0495



#### DESCRIPTION

Welding nipple, L = 35 mm, male thread, R 1/2" stainless steel 1.4301

#### ORDER NO.

3300 0006

Welding nipple, L = 35 mm, male thread, R 1/2" stainless steel 1.4571

3300 0007



#### DESCRIPTION

Ball valve 1/1 G 1/2" stainless steel

#### ORDER NO.

3300 0002



#### DESCRIPTION

High-pressure safety device for the installation of insertion sensors > 10 bar, incl. ball valve

#### ORDER NO.

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 20 bar)  |

#### Sensor length

|    |        |
|----|--------|
| B1 | 160 mm |
| B2 | 220 mm |
| B3 | 300 mm |
| B4 | 400 mm |
| B5 | 500 mm |
| B6 | 600 mm |

#### Connection thread

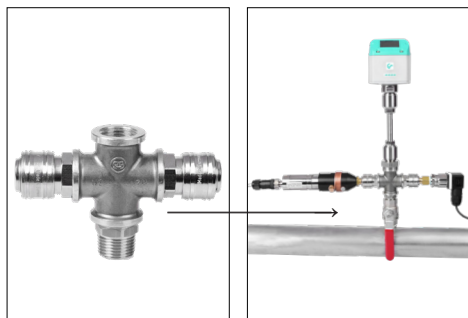
|    |          |
|----|----------|
| C1 | G 1/2"   |
| C2 | NPT 1/2" |

#### Approval

|    |                     |
|----|---------------------|
| D1 | Without             |
| D2 | DVGW (up to 16 bar) |



## Accessories VA 500/550

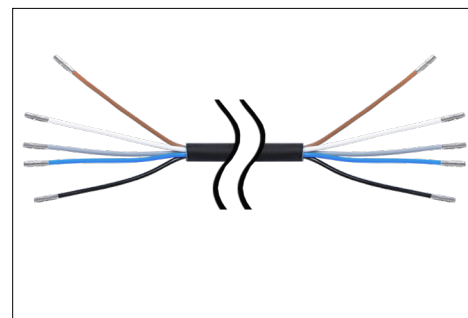


| DESCRIPTION                                                                                                             | ORDER NO. |
|-------------------------------------------------------------------------------------------------------------------------|-----------|
| X-connection for connection of pressure and dew point sensor at the same measuring point (incl. 2x quick-lock coupling) | 0553 0133 |



| DESCRIPTION                                                 | ORDER NO. |
|-------------------------------------------------------------|-----------|
| Thread adapter G 1/2" female thread to NPT 1/2" male thread | 0553 0134 |

## Accessories VA 550/570



| DESCRIPTION                          | ORDER NO. |
|--------------------------------------|-----------|
| Connection cable 5 m with open ends  | 0553 0108 |
| Connection cable 10 m with open ends | 0553 0109 |



Standard

ATEX

| DESCRIPTION                                | ORDER NO. |
|--------------------------------------------|-----------|
| PNG cable screwing M20 x 1,5- for standard | 0553 0552 |
| PNG cable screwing M20 x 1,5 - for ATEX    | 0553 0551 |

## Accessories VA 520/570



Aluminium

| DESCRIPTION                                                                        | ORDER NO. |
|------------------------------------------------------------------------------------|-----------|
| Closing cap for measuring section VA 520/VA 570 (material: aluminium)              | 0190 0001 |
| Closing cap for measuring section VA 520/VA 570 (material: stainless steel 1.4571) | 0190 0002 |

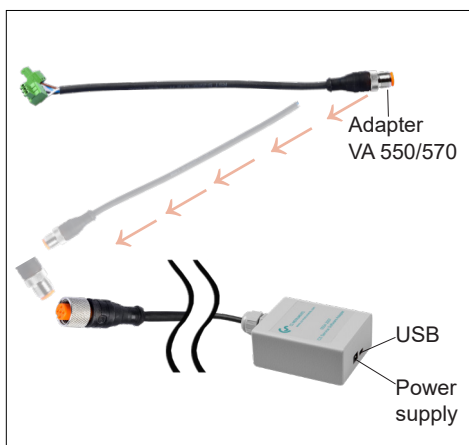
## Accessories for all VA 5xx



| 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 |

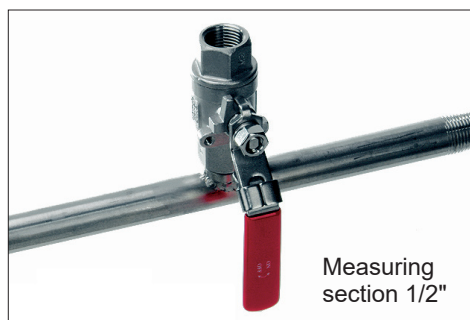


| DESCRIPTION                                                             | ORDER NO. |
|-------------------------------------------------------------------------|-----------|
| External Gateway PROFIBUS for connection to integrated RS 485 interface | Z500 3008 |
| External Gateway PROFINET for connection 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<br>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.

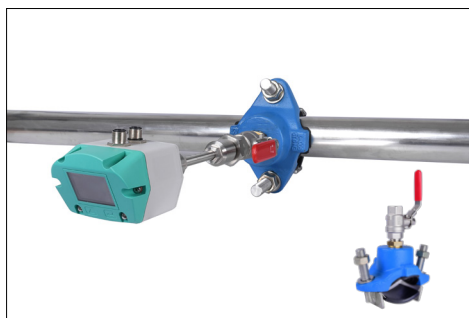
**Important:** Please indicate the exact outer diameter of the existing pipe when placing the order resp. please select the suitable spot drilling collar from the adjoining list.

| 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


**DESCRIPTION**

Spot drilling collar for compressed air lines

**ORDER NO.**

0500 0700

Order code: 0500 0700 \_A1\_B1\_C1

**Pipe diameter**

|     |                |
|-----|----------------|
| A1  | Ø 054 - 057 mm |
| A2  | Ø 058 - 072 mm |
| A3  | Ø 072 - 082 mm |
| A4  | Ø 082 - 102 mm |
| A5  | Ø 088 - 108 mm |
| A6  | Ø 106 - 130 mm |
| A7  | Ø 129 - 158 mm |
| A8  | Ø 159 - 186 mm |
| A9  | Ø 184 - 210 mm |
| A10 | Ø 211 - 244 mm |
| A11 | Ø 235 - 255 mm |
| A12 | Ø 264 - 298 mm |
| A13 | Ø 315 - 358 mm |

**Ball valve**

|    |      |
|----|------|
| B1 | 1/2" |
| B2 | 3/4" |

**Screw-in thread**

|    |          |
|----|----------|
| C1 | G-Thread |
|----|----------|

\*incl. 1/2" ball valve

\*not suitable for copper and plastic pipes

\*not suitable for aluminum