

## Protection Pockets

For use with thermostats and sensors

**ALT-S..**  
**ALT-D..**

- Protection pockets made of brass, for medium temperatures up to 130 °C
- Protection pockets made of stainless steel, for medium temperat. up to 350 °C

### Use

In HVAC plant, to protect probes of sensors with different types of media and operating pressures.

Protection pockets made of brass are suited for water conforming to DIN and non-aggressive media. Stainless steel pockets are suited for splash water containing salt. To facilitate quick mounting and removal of thermostats and sensors.

### Type summary

Type reference	Immersion length R [mm]	Material	Fixing mode	Nominal pressure [bar]	Inner dia. of protection pocket [mm]	Weight [kg]
ALT-SB100	100	Brass, nickel-plated	G½A (thread must be sealed)	10	7	0.40
ALT-SB150	150					0.53
ALT-SB200	200					0.70
ALT-SB280	280					0.80
ALT-SS100	100	Stainless steel (V4A)	G½A (thread must be sealed)	16	7	0.37
ALT-SS150	150					0.48
ALT-SS280	280					0.64
ALT-SS450	450					0.87

Type reference	Immersion length R [mm]	Material	Fixing mode	Nominal pressure [bar]	Inner dia. of protection pocket [mm]	Weight [kg]
ALT-SSF100	100	Stainless steel (V4A)	G½A with sealing flange	40	7	0.60
ALT-SSF150	150					0.70
ALT-SSF200	200					0.80
ALT-SSF280	280					0.90
ALT-SSF450	450					1.10
ALT-SSF600	600					1.30
ALT-DB100*	100	Brass, nickel-plated (for old RAZ type)	G½A (thread must be sealed)	10	2x 7	0.38
ALT-DB150*	150					0.49
ALT-DB280*	280					0.65
ALT-DB450*	450					0.87
ALT-DB100J (S55700-P142)	100	Brass, nickel-plated (for RAZ „J“ type)	G½A (thread must be sealed)	10	2x 7	0.38
ALT-DB150J (S55700-P143)	150					0.49
ALT-DB280J (S55700-P144)	280					0.65
ALT-DB450J (S55700-P145)	450					0.87
ALT-DS100*	100	Stainless steel (V4A)	G½A (thread must be sealed)	16	15	0.37
ALT-DS150*	150					0.46
ALT-DS280*	280					0.61
ALT-DS450*	450					0.73
ALT-DS100J (S55700-P146)	100	Stainless steel (V4A) (for RAZ „J“ type)	G½A (thread must be sealed)	16	15	0.37
ALT-DS150J (S55700-P147)	150					0.46
ALT-DS280J (S55700-P148)	280					0.61
ALT-DS450J (S55700-P149)	450					0.73

\* Product is not supplied any more

**Accessories** (not included in standard delivery)

Name	Type reference	Data Sheet
Installation kit	<b>ALT-C001</b>	CE1N1193en <sup>*)</sup>

<sup>\*)</sup> The documents can be downloaded from <http://siemens.com/bt/download>.

**Material identification**

Material/nominal pressure	Marking	Material/nominal pressure	Marking
Brass (CuZn37) / 10 bar	<b>M</b>	Stainless steel 1.4404 (V4A)/40 bar	<b>F</b>
Stainless steel 1.4404 (V4A)/16 bar	<b>S</b>		

## Ordering and delivery

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When ordering, please give name and type reference: For example, protection pocket **ALT-SB100**.

Min. ordering quantity, see "Type summary".

Protection pockets type ALT-DS... are supplied complete with coupling spring.

## Mounting notes

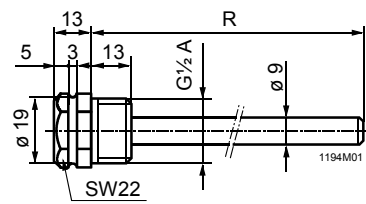
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- The protection pockets may not be filled with oil. Use of thermal conductive paste or similar inside the pockets is not permitted
- The material marking and production date are given on the head of the pockets on the SW22 hexagon
- The protection pockets are **not** suitable for flow speed higher than 2 m per second (vibration break is possible)
- Use stainless protection pockets (ALT-SS) for hot water/potable water and aggressive, oxygenated media (ALT-SS..)
- Brass protection pockets (ALT-SB..) can be used on closed heating system with non-aggressive media.

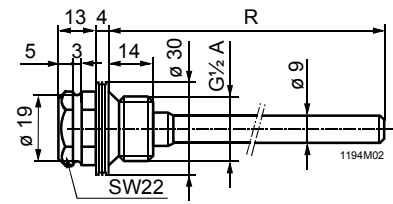
## Warranty

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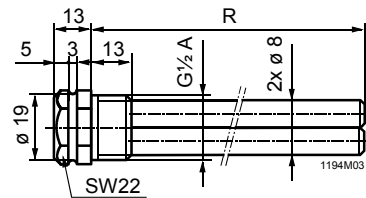
Technical data on specific applications are valid only together with Siemens products listed under "Equipment combinations". Siemens rejects any and all warranties in the event that third-party products are used.



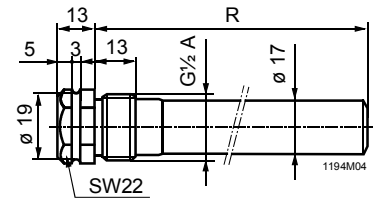
ALT-SB..., ALT-SS...



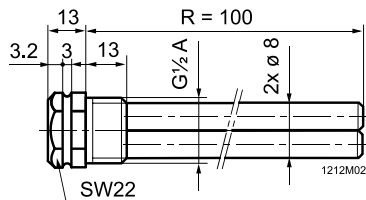
ALT-SSF...



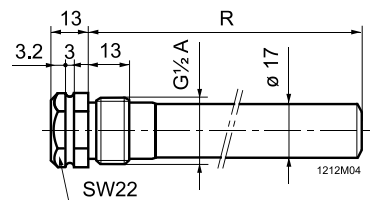
ALT-DB...



ALT-DS...



ALT-DB...J



ALT-DS...J