

## Protection Pockets

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

For use with thermostats and sensors

- 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-SB450	450					0.95
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

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

Accessories (not included in standard delivery)

Name	Type reference	Data Sheet
Installation kit	ALT-C001	CE1N1193en

Material identification

Material/nominal pressure	Marking	Material/nominal pressure	Marking
Brass (CuZn37) / 10 bar	M	Stainless steel 1.4571 (V4A)/40 bar	F
Stainless steel 1.4571 (V4A)/16 bar	S		

## Ordering and delivery

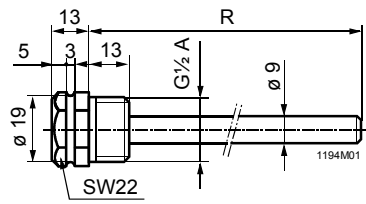
When ordering, please give name and type reference: For example, protection pocket **ALT-SB100**.

Min. ordering quantity, see "Type summary".

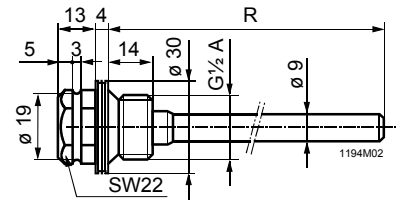
Protection pockets type ALT-DS... are supplied complete with coupling spring.

## Mounting notes

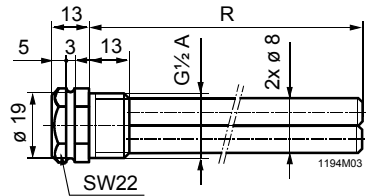
- The protection pockets may not be filled with oil. Use of thermal conductive paste or similar inside the pockets is not permitted
- The material marking and production date are given on the head of the pockets on the SW22 hexagon
- The protection pockets are **not** suitable for flow speed higher than 3m per second (vibration break is possible)



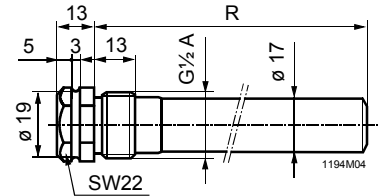
ALT-SB..., ALT-SS...



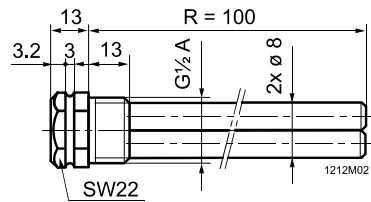
ALT-SSF...



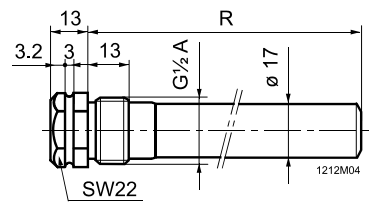
ALT-DB...



ALT-DS...



ALT-DB...J



ALT-DS...J