

Pockets



Application

RAK... units are fitted with pockets of 7 mm inner diameter,
RAZ types with pockets of 15 mm inner diameter and coupling springs.
For the thermostats TR, TW, STB and STW, you need pocket LW7.
For the thermostats TR/TB and TW/TB, you need pocket LW15.

Features

- Brass pockets are designed for temperatures up to max. 130 °C. Steel pockets must be used for temperatures over 130 °C.
- However, the pocket material depends on the installation (medium, tank material) and must therefore be specified by the user.
- Brass pockets PN10 and stainless steel pockets V4A PN16 have sealed threads. Steel pockets are equipped with a sealing flange for flat packing.

Type summary

Pockets	Immersion length R [mm]	Pocket material		
		Ms, R½, PN10 Order No.	V4A, R½, PN16 Order No.	V4A, G½, PN40 Order No.
7 mm inner diameter suitable for Ø 6.5 mm sensing elements	100	005-0601	005-0680	005-0640
	150	005-0602	005-0681	005-0641
	200	005-0603	005-0682	005-0642
	280	005-0604	005-0683	005-0643
	450	005-0605	005-0684	005-0644
	600	005-0606	005-0685	005-0645
9 mm inner diameter, suitable for Ø 8.5 mm sensing elements	100	005-0660	--	--
	160	005-0661	--	--
	250	005-0662	--	--
	400	005-0663	--	--
15 mm inner diameter suitable for 2 to 3 sensing elements with Ø 6.5 mm each	100	005-0607	005-0690	005-0650
	150	005-0608	005-0691	005-0651
	200	005-0609	005-0692	005-0652
	280	005-0610	005-0693	005-0653
	450	005-0611	005-0694	005-0654
	600	005-0612	005-0695	005-0655
19 mm inner diameter: upon request				

Ms Pocket and washer: CuZn37, nipple: CuZn39Pb3, treatment: Cu/Ni3s
V4A Material-No pocket and washer: 1.4571, nipple: 1.4435

PN10 Nominal pressure 10 bar, proof pressure 16 bar
PN16 Nominal pressure 16 bar, proof pressure 24 bar
PN40 Nominal pressure 40 bar, proof pressure 60 bar

Accessories

Description:

Order No.



Coupling spring

005-0402

Coupling spring for use with 1 to 3 sensing elements to ensure firm contact with the wall of pockets having 15 mm inner diameter



Capillary clamp

005-0403

Fitted on pocket to prevent the sensing element from being pulled out of the pocket.

Fitting notes

- Coupling springs and capillary clamps are essential when installing sensing elements for safety limit thermostats in pockets with inner diameter 15 mm.
- The pockets must not be filled with oil. It is not permissible to use thermally conductive paste (or similar) when installing the sensing element in pocket.
- To comply with time factor requirements according to DIN 3440, pockets must conform to drawing H 1 7111 3459.

Dimensions

