

## Setting knobs

TR  
TR/TB



**Application** For panel mounted devices, fitting M4 / 28 mm, see dimensional diagram

**Features**

- Simple push-on fitting on the device
- Rotation angle adjustable

**Technical data**

Operational ambient temperature max. 80 °C  
 Ambient temperature for storage and transportation -25...+55 °C

**Execution** Knob and index ring Thermoplastic

### Type summary

**Knobs:**

<i>Regulation range</i>	<i>Rotation angle</i>	<i>Order-no.</i>	<i>Fitting to</i>
25...66...85°C	300°	005-1045	005-1505
40...60...85°C	162°	005-1046	005-1501
30...60...90°C	162°	005-1030	005-1504
30...90°C	270°	005-1041	005-1301 and 005-1302
35...95°C	270°	005-1040	005-1307 and 005-1308
50...110°C	270°	005-1042	005-1303 and 005-1304
70...130°C	270°	005-1043	005-1305 and 005-1306
Arrow	270°	005-1044	005-1301 to 005-1308
Without printing		005-1017	005-1301 to 005-1308

**Set without rotation angle limitation:**

<i>Regulation range</i>	<i>Rotation angle</i>	<i>Order-no.</i>	<i>Fitting to</i>
25...66...85°C	300°	005-1085	005-1505
40...60...85°C	162°	005-1087	005-1501
30...60...90°C	162°	005-1086	005-1504
30...90°C	270°	005-1084	005-1301 and 005-1302
35...95°C	270°	005-1080	005-1307 and 005-1308
50...110°C	270°	005-1081	005-1303 and 005-1304
70...130°C	270°	005-1082	005-1305 and 005-1306
Arrow	270°	005-1083	005-1301 to 005-1308





**Set with rotation angle limitation:**

<i>Regulation range</i>	<i>Rotation angle</i>	<i>Order-no.</i>	<i>Fitting to</i>
25...66...85°C	300°	005-1095	005-1505
40...60...85°C	162°	005-1097	005-1501
30...60...90°C	162°	005-1096	005-1504
30...90°C	270°	005-1094	005-1301 and 005-1302
35...95°C	270°	005-1090	005-1307 and 005-1308
50...110°C	270°	005-1091	005-1303 and 005-1304
70...130°C	270°	005-1092	005-1305 and 005-1306
Arrow	270°	005-1093	005-1301 to 005-1308

## Mounting indications **Set with rotation angle limitation**

The rotation angle of the knobs is limited by two limit springs on the limit screw. The knob is equipped with 40 ribs and a position number on the inside. The rotation angle can, hence, be reduced by steps of 9° angle. The limit spring must be fitted on the axle inside the knob in order to match with the appropriate position number. The limit screw must be fitted to the right, see dimensional diagram.

### Accessories

	Item	Order-no.
	Knob printed	See overview
	Limit spring	005-1018
	Limit screw M4	005-0497
	Index ring with mark	005-1019

### Dimension drawing

