

Standard types (see standard catalogue)

Capillary length 2 m Step intervals 0 (switches synchronous)		Set point adjustment external		Set point adjustment internal	
Range in °C	Sensor	Order number	Type	Order number	Type
-30 ... +40	422 (7 x 178 mm, copper)	M4 40	580.2801.422.19	M4S 40	581.2801.422.19
0 ... +35	422 (7 x 178 mm, copper)	M4 35	580.2809.422.19	M4S 35	581.2809.422.19
+ 5 ... +95	322 (7 x 128 mm, copper)	M4 95	580.2820.322.19	M4S 95	581.2820.322.19
+20 ... +150	322 (7 x 128 mm, copper)	M4 150	580.2831.322.19	M4S 150	581.2831.322.19
+20 ... +230	121 (7 x 88 mm, 1.4435 / 316 L)	M4 230 S	580.2824.121.19	M4S 230 S	581.2824.121.19
+70 ... +350	121 (7 x 88 mm, 1.4435 / 316 L)	M4 350 S	580.2854.121.19	M4S 350 S	581.2854.121.19

Customized versions
complete ordering reference
XXX . XX XX . XXX . XX . XXXX . XXXX . XX . XX ... L =

Type	Noryl housing	normal	580
		compensated	581
	without housing, skeleton type	normal	582
		compensated	583
Switch	5 A, 250 V AC	switching differential, fixed	28

Range in °C	-30 ... +40	01	-10 ... +80	95
	-10 ... +25	07	+ 5 ... +95	20
	0 ... +35	09	+20 ... +110	23
	+10 ... +45	11	+20 ... +150	31
	+10 ... +80	13	+20 ... +230	24
	+15 ... +30	17	+40 ... +300	53
	-10 ... +35	94	+70 ... +350	54

Sensor (see also leaflet 1.1.20.1)

to range No.	mm φ	Cr/Ni/Mo 1.4435	Copper	Copper nickel pl.	Copper chrom pl.
01, 07, 09 11, 13, 17	4.7		412	413	414
	7	421	422	423	424
	9		432	433	434
94, 95, 20 23, 31	4.7	311	312	313	314
	7	321	322	323	324
	9	331	332	333	334
24, 53, 54	4.7	111	112	113	114
	7	121	122	123	124
	9	131	132	133	134

Mounting	Possible No. with free capillary tube:	19
	<i>Dimensions and ordering reference see page 1.1.21.1</i>	
	Possible No. with protection tube mounting:	12, 13, 14, 18
	<i>Dimensions and ordering reference see page 1.1.21.2</i>	

Protection tube	for thermostats with free capillary tube	1.1.22.2 / 1.1.22.4
	for thermostats with direct protection tube mounting	1.1.22.1 / 1.1.22.3

Protection tube length in mm see leaflets 1.1.22.1 to 1.1.22.4

Accessories	Setpoint blocking (581, 583)	15	Metal tube, Capillary tube protection	Ms nickel plated	90
	Railway version (UIC 616)	28	Metal tube, Capillary tube protection	1.4541 / 321	91
	Condensators 1 – 2	12	PVC-Tube, Capillary tube protection		92
	Condensators 1 – 3	13	Outdoor usage aeration		44
	Condensators 1 – 2 / 1 – 3	23	Capillary nuts	<i>see page 1.1.23.1</i>	
	Signal lamp (Type 580, 581)	14			

(to be added in random order)
Capillary length L in mm (upto 5000 mm) No indication if direct protection tube mounting is requested !

Please indicate set points when ordering:

Step	I	II	III	IV	
Scale value (one step)					°C
at increasing temperature on					°C
at decreasing temperature on					°C

Due to a policy of continuous development we reserve the right to amend the specification without notification.