



Control thermostat

Type 716



Application examples

- Heater
- Cooker
- Storage heater
- High pressure cleaner
- Washing machine
- Dish washer
- Laboratory appliances

Features

Electro-mechanical control thermostat (TR) and temperature limiter (TW) with capillary sensor.

- Single-pole micro switch with on/off or change-over switch
- Approvals:
 - SEMCO: EN60730-1/2-9, Typ 1B
 - UL: UL 873
 - CSA: C22.2 No. 24 – 1984 ECN No. 610
 - CE-Mark
- Environmental condition for normal pollution

Technical data

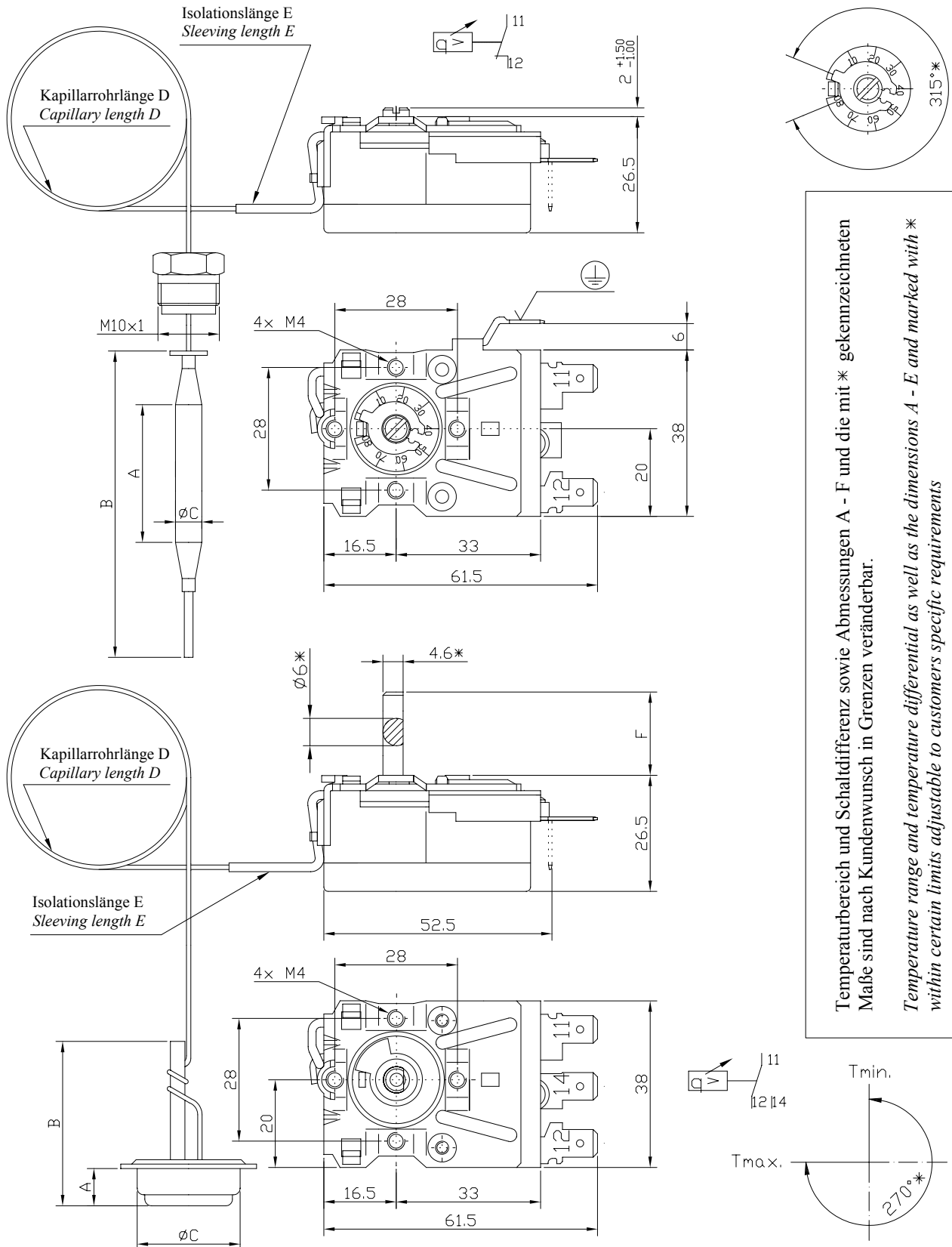
Endurance class (EN60730)	50 000 operations
Terminal 11-12	16 (2,6) A – 250V AC
Terminal 11-14	6 (1) A – 250V AC
Terminal 11-12	10 (2) A – 400V AC
Terminal 11-14	2 (2) A – 400V AC
Endurance class (UL,CSA)	100 000 operations
Terminal 11-12	6 (4) A – 240V AC
Terminal 11-14	6 (1) A – 240V AC
Setting range	0 ... 400°C
Ambiant temperature at switching head	Max. 150°C (T150)
Storage and transport temperature	-25 ... +60 °C
Protection class	I according to EN60730
Degree of protection provided by enclosure	IP00 according to EN60730
Heat and fire resistance category	D

Design

Capillary und sensing element	Copper / Stainless steel
Capillary length	Up to 3000 mm
Phial forms	
• round, diameter	3, 4, 5, 6, 6.5, 7, 8, 9.5, 10, 12 mm
• bulb, diameter	10, 15, 20, 23.5 mm
• half-, third-, quater circle	
Connection terminals	Tab terminal A6.3x0.8 according to DIN46244, straight or bent (90°, 45°)
Earthing terminal	Tab terminal A6.3x0.8 according to DIN46244

Temperaturregler Typ 716

Control thermostat type 716



Temperaturbereich und Schaltdifferenz sowie Abmessungen A - F und die mit * gekennzeichneten Maße sind nach Kundenwunsch in Grenzen veränderbar.

Temperature range and temperature differential as well as the dimensions A - E and marked with * within certain limits adjustable to customers specific requirements

INQUIRY

Control thermostat 716

Name:

Tel.:

Company:

Telefax:

Address:

E-Mail:

Date:

Please make us an offer free of charge for a thermostat with the following characteristics :

Type:	Control thermostat	Limitier thermostat			
Temperature range:	Maximum:	°C at spindle position °			
	Minimum:	°C at spindle position °			
Switching differential:	K				
Max. temperatures:	housing:	°C;	phial:	°C	
Contact type:	on/off	changeover			
Terminal position:	straight	bent:	30°	45°	90°
Ground tab terminal:	yes	no			
Phial material:	copper		stainless steel		
Phial type:	round, Ø C:	mm	bulb, Ø C:	mm	
	quater circle	third circle	half circle		
Phial length B:	mm	Capillary length D:	mm		
Insulation length E:	mm	Spindle length F:	mm		
Required quantity:	parts per	week	month	year	
Application:					
Other informations:					

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