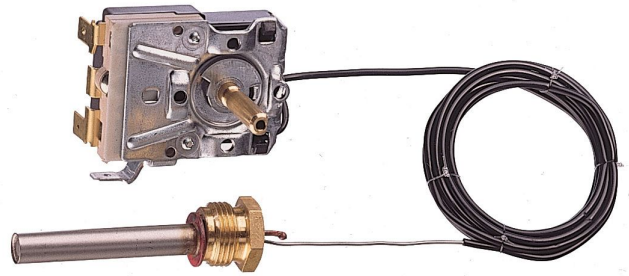


Single-pole



Application

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

Features

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

- Single-pole micro switch with on/off or changeover switch
- Approvals:
 - SEMCO: EN 60730-1/2-9, Typ 1.B
 - UL: UL 873
 - CE-Mark
- Environmental condition for normal pollution
- RoHS-conform

Technical data

Switching system:

Endurance class (EN60730)	50.000 operations	
Terminal	1-2	1-4
250 V AC	16 (2,6) A	6 (1) A
400 V AC	10 (2) A	2 (2) A

Endurance class (UL)	100.000 operations	
Terminal	1-2	1-4
240 V AC	6 (4) A	6 (1) A

Protection against electric shock: For incorporation in class I equipment

Protection standard of housing: IP00 (EN 60 529)
Overvoltage category: II

Range of application:

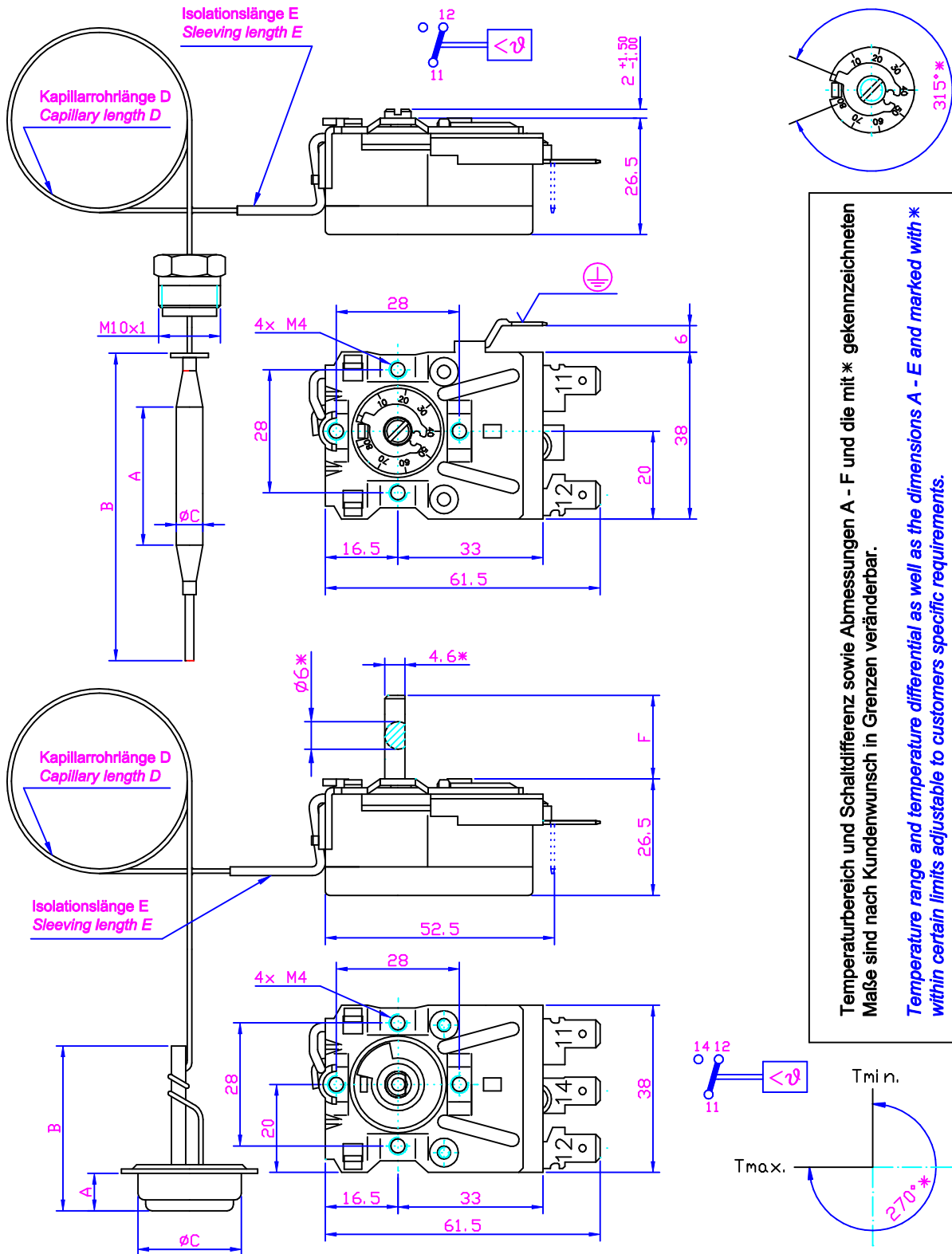
Setting ranges:	0 ... 320 °C
Ambiant temperature at switching head	max. 150 °C (T150)
Storage and transport temp.	-25...+60 °C

Design:

Capillary und sensing element	Copper / Stainless steel
Capillary length	300 ... 3500 mm
Phial forms	<ul style="list-style-type: none"> • round, diameter: 3, 4, 5, 6, 6.5, 7, 8, 9.5, 10, 11, 12 mm • bulb, diameter: 10, 15, 20, 23.5 mm • half-, third-, quarter circle • dual phial
Diaphragm	stainless steel
Connection terminals	Tab terminal A6.3x0.8 according to DIN 46244, straight or bent (90°, 45°)
Earthing terminal	Tab terminal A6.3x0.8 according to DIN 46244

Temperaturregler Typ 716

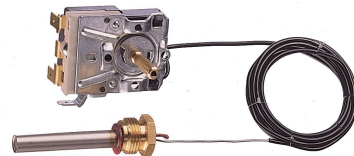
Control thermostat type 716



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



Capillary thermostat Type 716

Name: _____ Tel.: _____
Company: _____ Telefax: _____
Address: _____ Date: _____
E-Mail: _____

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

Type: Control thermostat Limiter 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 (SPST) changeover (SPDT)

Terminal position: straight bent: 45° 90°

Connection type: tab terminal screw terminal

Earthing terminal: yes no

Phial material: copper stainless steel

Phial type: round bulb Ø C: _____ mm
 quarter circle third circle half circle

Phial length B: _____ mm **Capillary length E:** _____ mm

Insulation length D: _____ mm **Spindle length F:** _____ mm

Required quantity: _____ parts per week month year

Application: _____

Other informations: _____

AF716-ei -2/09