SCHRAMM

TS-10

Ex-Temperature Switch, bimetal, fixed setpoint:

The electric temperature switch TS-10 is designed to switch electrical devices with respect to the ambient temperature. The switching point depends on the chosen bimetal switch. The setpoint as well as the functional principle, meaning opening or closing, have tobe defined during order and will be preset during production phase. As a standard the TS-10 comes as an opener.
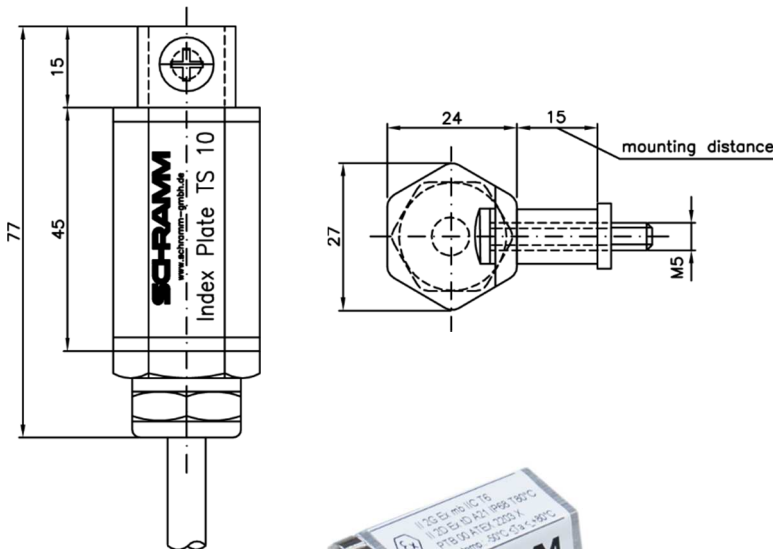
Options:

TS-10 - VD	= assembled in a junction box with integrated meltable fuse 6A
TS-10 - K	= Integrated in the connection cable
TS-10C	= Closing at temperature rise – e.g. Setpoint: 40°C ON for example for ventilation
TS-10Z	= Special design – e.g.individual setpoints between -15°C und +100°C

Marking:

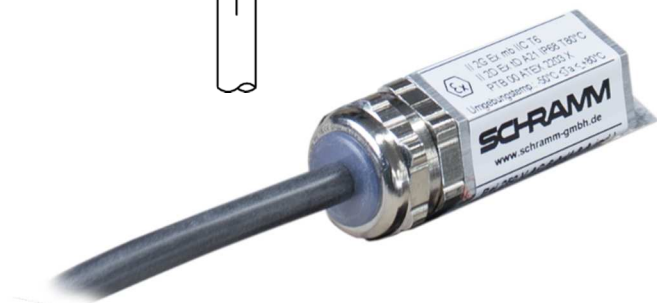Gas: ⟨Ex⟩ II 2 G   Ex mb IIC T6 / T5 / T4b

Dust: ⟨Ex⟩ II 2 D   Ex tb IIIC IP68 T80°C / T95°C / T130°C

EC Type Examination Certificate: PTB00 ATEX 2203 X

EAC Ex Certificate: RU C-DE.EX01.B.00032/19

Technical Data:

Setpoint:	As a standard +10°C, +20°C, +30°C, +40°C
Tolerance:	+/- 3°C
Rated Voltage:	250VAC
Max. Rated Switching Current:	6A
Connection Cable:	Silicon cable 3x1 mm^2 , 3 m
Weight:	app. 0,15 kg
Ambient Temperature:	-50°C to +80°C
Degree of Protection:	IP 68
Enclosure:	Aluminum, saltwater-proof

TS 10-VD
Ex-Temperature switch in
Ex-junction boxwith fuse

TS 10

TS 10-K