- **factory set or adjustable**
- **simple and robust design**
- **wide range of versions available**

Thermostat

The thermostats can be used for example to control the fan of air-oil coolers. The version with T-fitting can be mounted directly to the appropriate cooler.

The factory set thermostats have a firmly encapsulated cable connection, the adjustable thermostats have a plug connection.

Technical Data

Thermostat	F40-S	F50-S	F60-S	F40-O	F50-O	F60-O
Construction	Bimetall temperature switch, factory-set					
Operation of the contacts	Close on Rise (COR)			Open on Rise (OOR)		
Set point	40 ±4°C	50 ±5°C	60 ±6°C	40 ±3°C	50 ±3°C	60 ±3°C
Reset point	29 ±3°C	35 ±6°C	45 ±6°C	25 ±5°C	35 ±6°C	45 ±6°C
Electrical connection	cable 1m					
Max. switching current	10A	10A	10A	10A	10A	10A
Max. switching voltage	250VAC	250VAC	250VAC	250VAC	250VAC	250VAC

Thermostat	E
Construction	electronic temperature switch, DC PNP, adjustable
Operation of the contacts	normally open / closed complementary
Set point	-16 … 140°C
Reset point	-20 … 136°C
Operating voltage	9.6 … 32V DC
Current rating	500mA
Electrical connection	M12 connector
Medium temperature	-25 … 125°C (145°C max. 1h)
Ambient temperature	-25 … 70°C
Protection class	IP 67

Type code

TS	-F40	-S	- 3/8	- ...

Special design

Connection ports:
G1/4,   M14x1.5,   M16x1.5
T3/8   = R3/8" with T-Connection
T1/2   = R1/2" with T-Connection
T3/4   = G3/4" with T-Connection

Operating of the contacts:
S   = Close on Rise
O   = Open on Rise
SO   = normally open / closed complementary (only E type)

Set point:
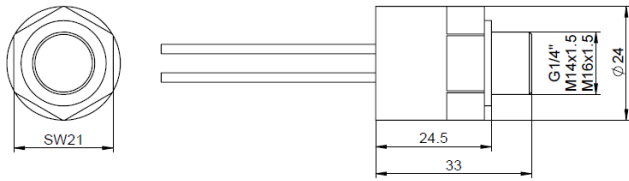**F40**   = factory set to 40°C
F50   = factory set to 50°C
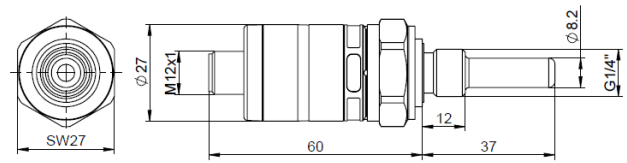**F60**   = factory set to 60°C
E   = adjustable

Thermostat
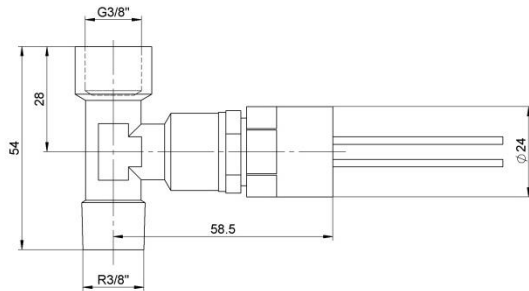
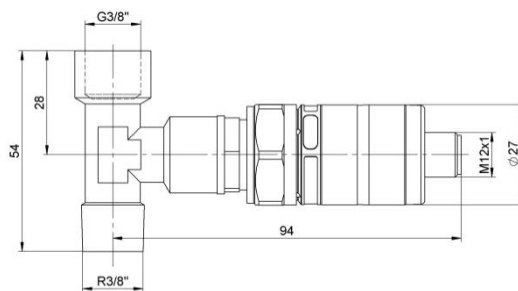TS-F..-..-G1/4 / M14x1.5 / M16x1.5

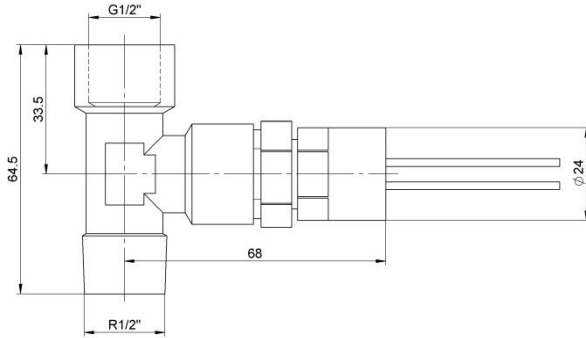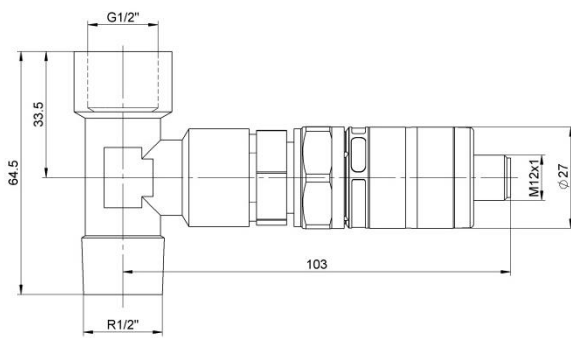TS-E-SO-1/4, only available with G1/4"
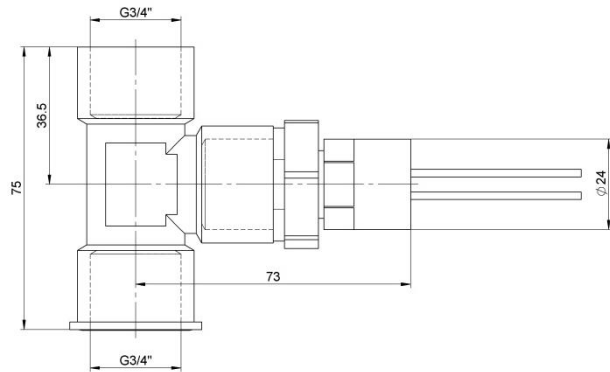
TS-F..-..-T3/8

TS-E-SO-T3/8

TS-F..-..-T1/2

TS-E-SO-T1/2

TS-F..-..-T3/4

TS-E-SO-T3/4