

Frese OPTIMA Compact thermo actuator

Technical data actuators

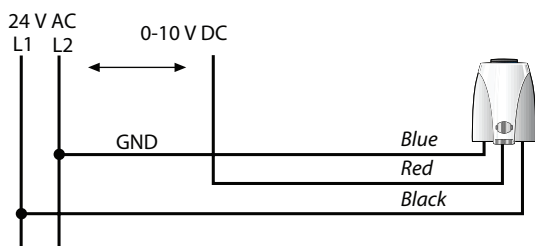
Characteristics:	Thermo actuators, normally closed
Protection class:	IP 54 to EN 60529
Frequency:	50/60 Hz
Control signal:	0-10V DC or On/Off
Actuating force:	100 N
Stroke:	2.5mm or 4.0 mm
Running time:	120 s 0-10V/180 s On/Off
Ambient operating conditions:	0°C to 60°C
Cable length:	1.0 m
Weight:	100 g



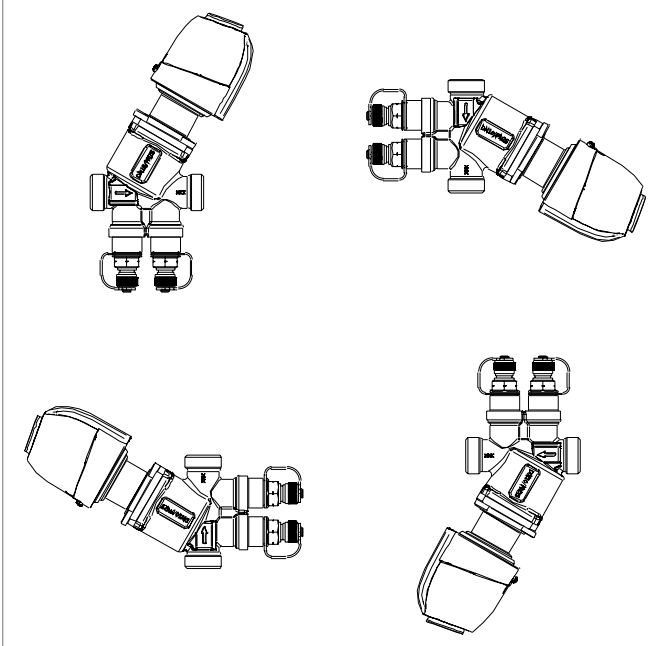
On/Off actuator 2.5 & 4.0 mm stroke, 24V AC-DC/ On/Off 180s	48-5520
On/Off actuator 2.5 & 4.0 mm stroke 230V AC/ On/Off 180s	48-5521
Modulating actuator 4.0 mm stroke 24V AC/ 0-10V DC 30 s/mm	48-5522
Modulating actuator 2.5 mm stroke 24V AC/ 0-10V DC 30 s/mm	48-5523

Wiring and installation notes

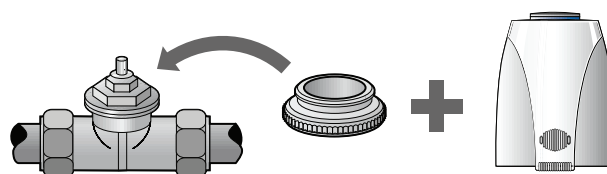
Connections survey



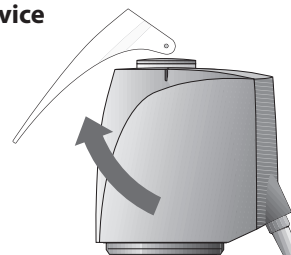
Installation positions



Valve adaptation



Antitheft device



The Frese OPTIMA Compact actuator can be protected against unauthorised access simply by removing the visor, e.g. on the radiator.

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