Pressure switches

Pressure transmitters

Thermostats

Temperature sensors

Flow monitors

Solenoid valves

Accessories

Room thermostats type series TRM

for industrial premises

FEMA room thermostats are suitable for industrial plants, greenhouses, livestock buildings and warehouses, and also for monitoring the maximum temperature in switchgear cabinets and relay stations. Room thermostats are supplied complete with wall bracket H1.

SIL 2 according IEC 61508-2

TRM150

Technical data

Body	Diecast aluminium GD Al Si 12 according to DIN 1725. Resistant to ammoniacal vapours and seawater
Mounting position	Any, preferably vertical
Max. ambient temperature	70°C
Max. temperature at sensor	70°C
Contact arrangement	Single-pole changeover switch
Switching capacity	8 (5) A 250 VAC
Degree of protection	IP 54 according to DIN 40050 (with vertical installation)
Mounting	With wall bracket H 1 or directly on the wall with 2 screws (Ø 4)
Calibration	Scale value corresponds to the lower switching point (with falling temperature), the upper switching point is higher by the amount of the switching differential
Plug connection	Via angled plug to DIN EN175301 (3-pin + earth contact), cable entry Pg 11, max. cable diameter 10 mm, cable outlet possible in 4 directions spaced 90° apart.
Switching temperature	Adjustable from outside with screwdriver
Switching differential	Not adjustable on TRM series, adjustable on TRMV series

Product Summary

Type	Setting range	Switching differential (mean values)
Switching differential not adjustable		
TRM022	-20 to +20°C	1.0 K
TRM40	0 to +40°C	1.0 K
TRM150	+10 to +50°C	1.0 K
Switching differential adjustable		
TRMV40	0 to +40°C	3–10 K
TRMV150	+10 to +50°C	3–10 K

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Dimensioned drawing (mm)

FEMA
by Honeywell