

Pressure Differential Controls

Type TD66

0-3.9.04-D

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TECHNICAL DATA

Materials:
-Diaphragm

EPDM rubber with
web reinforcement
(ASTM D2000)

-Capillary
Pressure stage

2 pieces Cu
PN 16

Pressure differential controls, type TD66, comprise a control valve, a diaphragm unit and 2 connecting capillaries.

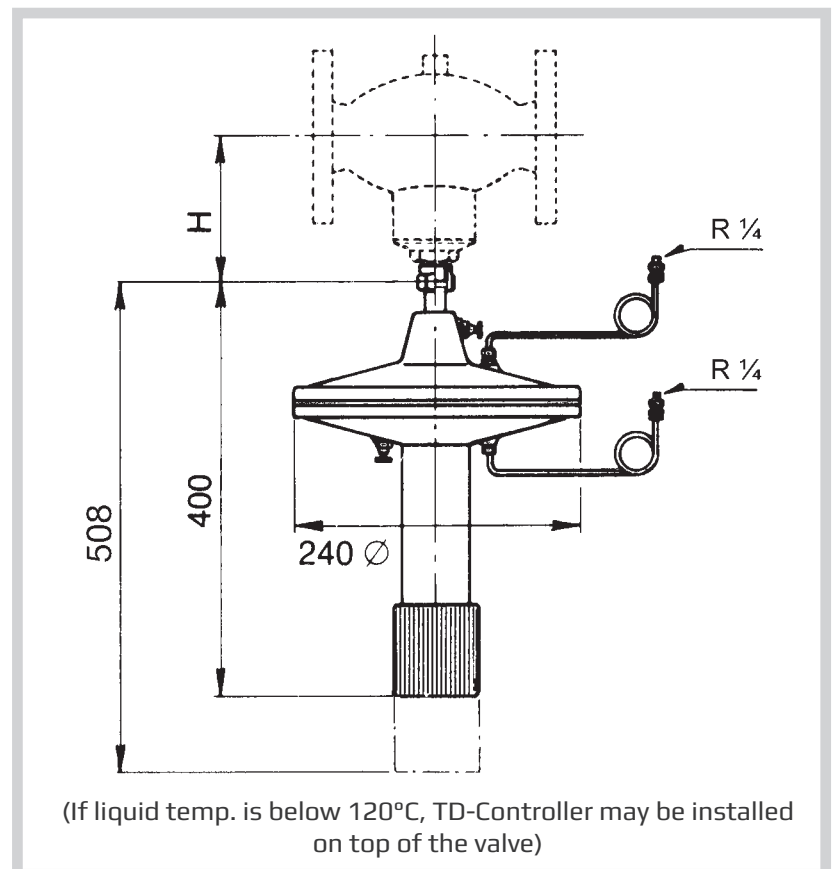
The controls type TD66-4 and TD66-8 can be used with our wide range of 2-way control valves, in sizes from 4 mm up to 80 mm. For further information see technical data and data sheets on individual valves. For quick and accurate valve selection and valve sizing, we advise you to visit our website www.cloriuscontrols.com and select our sizing software Quick Choice.

Type TD66 (TD66-4 and -8) is spring loaded and is available in several setting ranges. The differential pressure required is set by turning the handle, the upper edge of which acts as a pointer on the scale.

FEATURES

- Good regulating accuracy
- Nominal pressure PN 16
- Max. temperature 120°C (150° C dependant on the installation)
- Self-acting

DIMENSION SKETCH



TECHNICAL DATA

Type		TD66-4	TD66-8			
Setting range	bar	0.15-0.3	0.15-0.3	0.2-0.8	0.7-1.3	1.35-1.5
Proportional band		10%	10%	30%	30%	20%
Max. thrust on stem	N	400	800			
Nom. pressure PN	bar	16 ¹⁾	161)			
Max. rated travel	mm	14	14			
Max. temp. of liquid	°C	120 (150) ²⁾	120 (150) ²⁾			
Weight	kg	13				
Note	Primarily in connection with double seated valves up to DN 80 mm (Single seated valves only up to DN 25 mm, and not balanced valves - type M1FB, G1FB, H1FB) ³⁾					

1) PN is only valid for the diaphragm housing. See also data sheets for the valves.

2) 150°C - Only if TD controller is installed below the valve.

3) Balanced and larger single seated valves only to be selected if an increased variation of the desired diff. pressure Δp is allowable.
(An increase of the inlet pressure may result in a substantial increase of Δp).