Fluidcontrolterminal G1/2-75-VST
- tedrive Germany - specification -

Technical Data

Max. operating pressure 1 bar
Max. operating temperature 80 °C
Min. density of fluid 0.8 kg/dm³

Material
Float SK 610 hard PU
Switch tube brass
Stilling tube brass
Flange galvanised steel
Breather PA
Breather type Hydac BF P 7 F 3 UBM 0.0

Level contact
K101 and K102
Function NC / NO*
Min. distance between contacts 40 mm
Max. voltage 24 V
Max. current 0.5 A
Max. contact load 10 VA
* NC = normally closed / NO = normally open, all figures at empty reservoir

Thermotronic 71
Range of temperature display from -20 to +120 °C / 4 °F to 248 °F
Alarm indicator range 0 to +99 °C or 32 °F to 178 °F
Programmable set points 2
Material housing PA, IP65
Display four digit seven segment-LED-display, light emitting diodes

for status display
Current consumption at power up about 140 mA for 100 ms
Operating current consumption approx 30 - 50 mA
Supply voltage 24 VDC ±10 %
Output PNP
Ambient temperature 0 - 70 °C
Accuracy 1 % of full range
Resolution 1 °C / 2 °F
Programming 3 button key pad
Temperature sensor PT 100

Wiring Diagram
Normal position: float on top = filled reservoir

Order Information
FC-T G1/2-75 VST
Part-no 1175900501
Connector 2xM12
Display yes
L = 250mm
L1 = 120mm NC *
L2 = 160mm NO *
T1 = 50°C / NC *
T2 = 55°C / NC

Accessories Part No. 9144050018 Connecting connecting cable M12x1 with 1 x 5 pole M12 plug cable length: 3,0m