Fluidcontrolterminal G3/4 tederive
- tederive Germany - Specification -

Technical Data

Max. operating pressure 1 bar (14.5 psi)
Max. operating temperature 80 °C (176 °F)
Min. density of fluid 0.8 kg/dem³ (0.029 lb/in³)

Material
Float SK 610 hard PU
Switch tube brass
Stilling tube brass
Housing material PA 12
Flange galvanised steel
Breather retention rate SM-L (3 µm)

Level contacts
K101 and K102
Function L1 = NO* / L2 = NO*
Max. voltage 24 V DC
Max. current 0.5 A
Max. contact load 10 VA
* NO = normally open, NC = normally closed

Temperature sensor
Thermotronik 71
Range of temperature display from 4° to 248 °F or -20 to +120 °C
Alarm indicator range 32° to 178 °F or 0 to +99 °C
Display four digit seven segment-LED-Display
Operating current consumption about 30 -50 mA
Supply voltage 24 VDC ±10 %
Output switches 2 x PNP
T1 = 149 °F NC
T2 = 167 °F NC
Ambient temperature 0 - 70 °C (32 - 158 °F)
Accuracy 1 % of full scale
Resolution 1 °C / 2 °F
Programming 3 button key pad
Connector 2 x M12
Protection class IP 65

Wiring Diagram
All figures at empty reservoir

Order Information

Type Part No. L L1 L2 T1 T2
FC-T G3/4-75 GETRAG01 1175900301 9.84" 1.57" NO 7.48" NO 149 °F NC 167 °F NC
FC-T G3/4-75 GETRAG02 1175900302 14.57" 1.57" NO 12.2" NO 149 °F NC 167 °F NC

Accessories
Part No. 9144050018 Connecting cable M12x1 with 1 x 5 pole M12 plug cable length: 9.8 ft

Dimensions given in inch

We reserve the right to amend specification