

**017D004066** **Liquid level switch, RT280A**

Enclosure rating IP: IP66, Max. Working Pressure [bar]: 22.0

PRODUCT DETAILS

| | |
|---|---|
| Gross weight | 2.1 kg |
| Net weight | 1.84 kg |
| EAN | 5702428042772 |
| Ambient temperature range [°C] [Max] | 70 °C |
| Ambient temperature range [°C] [Min] | -50 °C |
| Ambient temperature range [°F] [Max] | 158 °F |
| Ambient temperature range [°F] [Min] | -58 °F |
| Ammonia application | Yes |
| Approval | CCC CE EAC LVD PZH RMRS RoHS RoHS China TYSK CMIM LLC CDC EURO-TYSK |
| Cap. tube length fraction [in] | 118 1/8 in |
| Capillary tube length [mm] | 3000 mm |
| Contact differential [°C] [Max] | -5 °C |
| Contact differential [°C] [Min] | -65 °C |
| Contact function | SPDT (NZ) SPDT |
| Contact rating | AC15=3 A, 400 V AC1=10 A, 400 V DC13=12 W, 220 V AC3=4 A, 400 V LR=28 A, 400 V |
| Electrical conn. Male/Female | Female |
| Electrical connection | Screwed cable entry |
| Electrical connection size | 2xPg 13.5 |
| Electrical connection standard | DIN 40430 |
| Electrical spec. standard | EN 60947-4/-5 |
| EN 60947 electrical properties | Pollution degree: 3 Rated impulse voltage: 4 kV |

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PRODUCT DETAILS

| | |
|-------------------------------------|--|
| | Short circuit prot, fuse: 10A |
| EN 60947 wiring properties | Flex, ferrules: 0.2-1.5 mm ² Flex, no ferrules: 0.2-2.5 mm ² Solid/stranded: 0.2-2.5 mm ² |
| Enclosure rating IP | IP66 |
| Equipment | |
| Max. sensor temperature [°C] | 80 °C |
| Max. sensor temperature [°F] | 176 °F |
| Max. test pressure [bar] Pe | 25 bar |
| Max. test pressure [psig] | 362 psig |
| Max. Working Pressure [bar] | 22 bar |
| Max. Working Pressure [psig] | 319 psig |
| Packing format | Multi pack |
| Pressure connection size | 3/8 |
| Pressure connection standard | ISO 228-1 |
| Pressure connection type | G |
| Pressure Male/Female | Male |
| Product accessories | Generic accessories Switches accessories |
| Product description | Liquid Level Switch |
| Product family name | RT |
| Product group | Switches and thermostats |
| Product name | Liquid level switch |
| Quantity per packing format | 8 pc |
| Relay release time [s] | 0 " |
| Reset function | Auto |
| Sensor type | Heat sensing element |
| Serviceable | Contact systems |
| Temperature range [°C] [Max] | 10 °C |
| Temperature range [°C] [Min] | -50 °C |
| Temperature range [°F] [Max] | 50 °F |
| Temperature range [°F] [Min] | -60 °F |
| Type | RT280A |

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