



T4VH 336-11Z-M20

- 1 Cable entry M 20 x 1.5
- Design to EN 50041
- Lever angle adjustable in 10° steps
- Thermoplastic enclosure
- Double-insulated
- Good resistance to oil and petroleum spirit
- Wide range of alternative actuators
- Actuator heads can be repositioned by 4 x 90°

Data

Ordering data

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|-------------------------------|---------------|
| EAN (European Article Number) | 4030661182995 |
| eCl@ss number, Version 9.0 | 27-27-26-01 |
| eCl@ss number, Version 11.0 | 27-27-26-01 |
| ETIM number, version 6.0 | EC000030 |
| ETIM number, version 7.0 | EC000030 |

Approval - Standards

| | |
|--------------|---------------------|
| Certificates | cULus CCC EAC |
|--------------|---------------------|

General data

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|-------------------------------|--------------------------|
| Housing construction form | Norm construction design |
| Actuator type to DIN EN 50041 | A |

| | |
|--------------------------------------|---|
| Enclosure material | Plastic, glass-fibre reinforced thermoplastic, self-extinguishing |
| Material of the contacts, electrical | Silver |
| Lever material | Metal film |
| Roller material | Plastic |
| Gross weight | 160 g |

General data - Features

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|------------------------------|-----|
| Safety functions | Yes |
| Number of auxiliary contacts | 1 |
| Number of safety contacts | 1 |

Safety appraisal

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|--------------|---|
| Standards | BG-GS-ET-15 EN ISO 13849-1 EN 60947-5-1 |
| Mission Time | 20 Year(s) |

Safety appraisal - Safety outputs

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|-----------------------------------|-----------------------|
| B10d Normally-closed contact (NC) | 20,000,000 Operations |
|-----------------------------------|-----------------------|

Mechanical data

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|---------------------------|---|
| Actuating element | Roller lever |
| Mechanical life, minimum | 30,000,000 Operations |
| Actuating speed, maximum | 2.5 m/s |
| Note (Actuating speed) | Actuating speed with actuating angle 30° to switch axis |
| Note (Switchover time) | Switchover time in accordance with actuating speed |
| Actuating torque, minimum | 0.3 Nm |

Mechanical data - Connection technique

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|------------------------|---|
| Terminal Connector | Screw connection |
| Cable section, minimum | 0.75 mm ² |
| Cable section, maximum | 2.5 mm ² |
| Note (Cable section) | All indications about the cable section are including the conductor ferrules. |

Mechanical data - Dimensions

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|------------------|----------|
| Length of sensor | 60.5 mm |
| Width of sensor | 40.5 mm |
| Height of sensor | 129.5 mm |

Ambient conditions

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|------------------------------|--------------------------------------|
| Degree of protection | IP65 to EN 60529 IP67 to EN 60529 |
| Ambient temperature, minimum | -30 °C |
| Ambient temperature, maximum | +80 °C |

Ambient conditions - Insulation value

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|---|-------|
| Rated insulation voltage U_i | 500 V |
| Rated impulse withstand voltage U_{imp} | 6 kV |

Electrical data

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|--|---------|
| Thermal test current | 10 A |
| Required rated short-circuit current to EN 60947-5-1 | 1,000 A |
| Utilisation category AC-15 | 230 VAC |
| Utilisation category AC-15 | 4 A |
| Utilisation category DC-13 | 24 VDC |

| | |
|----------------------------|------------------------|
| Utilisation category DC-13 | 4 A |
| Switching element | NO contact, NC contact |
| Switching principle | Creep circuit element |
| Bounce duration, maximum | 2 ms |
| Switching frequency | 5,000 /h |

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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