



## **Data sheet**

| Feature  | Value   |
|--|---|
| Actuation type                                 | Electrical  |
| Mounting position                              | Any   |
| Conforms to standard                           | DESINA<br>IEC 61010-1                                 |
| Signal status display                          | LED   |
| Duty cycle                                     | 100%  |
| Insulation class                               | Н   |
| Enameled wire insulation class                 | Н   |
| Nominal pick-up current per solenoid coil      | 138 mA to 70 ms                                       |
| Nominal current with current reduction         | 50 mA after 70 ms                                     |
| Coil characteristics                           | 24VDC:NS1,2:HS3.3                                     |
| Permissible voltage fluctuations               | +/- 10 %  |
| Certification                                  | c UL us - Recognized (OL)                             |
| CE marking (see declaration of conformity)     | As per EU EMC directive<br>As per EU RoHS directive   |
| UKCA marking (see declaration of conformity)   | To UK instructions for EMC<br>To UK RoHS instructions |
| Certificate issuing authority                  | UL MH18122  |
| Corrosion resistance class (CRC)               | 2 - Moderate corrosion stress                         |
| LABS (PWIS) conformity                         | VDMA24364-B1/B2-L                                     |
| Temperature of medium                          | -20 °C60 °C   |
| Degree of protection                           | IP65  |
| Ambient temperature                            | -20 °C60 °C   |
| Product weight                                 | 33 g  |
| Max. cable length                              | 30 m  |
| Electrical connection 1, connection type       | Plug  |
| Electrical connection 1, connection technology | M12x1 A-coded as per EN 61076-2-101                   |
| Electrical connection 1, number of pins/wires  | 4   |
| Electrical connection 1, type of mounting      | Screw-type lock                                       |
| Type of mounting                               | With knurled nut                                      |

| Feature             | Value                            |
|---------------------|----------------------------------|
| Note on materials   | RoHS-compliant                   |
| Housing material    | PA<br>Steel                      |
|                     | Copper<br>Steel<br>Thermoplastic |
| Material of winding | Copper                           |