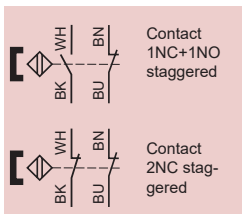


## Coded magnetic



Contact states shown are whilst the magnet is in front of the switch



certified ATEX only

| Plastic switches type                                              | XCSDM coded magnetic, Pre-cabled, L = 2 m<br>Rectangular without LED                           |                  |
|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------|
| Conformity                                                         | Directive ATEX 94/9/CE, EN 60079-0, EN 60079-18, EN 60079-31, EN 1088, EN/ISO 13849-1          |                  |
| Zone                                                               | 0-1-2/20-21-22*(according to protection mode, mD or ia).                                       |                  |
| Marking                                                            | Ⓔ II 1 D-Ex ia III B Da T135°C / Ⓔ II 2 D-Ex tb III C T135°C Db IP67                           |                  |
| Maximum safety level (1)                                           | PL=e, category 4 conforming to EN/ISO 13849-1 et SIL CL3 conforming to EN/IEC 62061            |                  |
| Switches for actuation                                             | Face to face, face to side, side to side                                                       |                  |
| Degree of protection                                               | IP66 + IP67                                                                                    |                  |
| Type of contact                                                    | REED                                                                                           |                  |
| Rated operational characteristics (conforming to EN/IEC 60947-5-1) | Ue = 24 VDC, Ie = 100 mA                                                                       |                  |
| Temperature range                                                  | -20...+60°C                                                                                    |                  |
| Dimensions W x D x H                                               | 16 x 7 x 51 mm                                                                                 |                  |
| Operating zone                                                     | Sao = 5 / Sar = 15                                                                             |                  |
| Short-circuit protection                                           | By 10 A cartridge fuse type gG (gl)                                                            |                  |
| Reliability data B <sub>10d</sub>                                  | 50 000 000 (value given for a service life of 20 years, limited by mechanical or contact wear) |                  |
| Switch with coded magnet                                           | 1NC+1NO staggered                                                                              | XCSDMC5902EX (2) |
|                                                                    | 2NC staggered                                                                                  | XCSDMC7902EX (2) |

(1) Using an appropriate and correctly connected control system. (2) For pre-cabled version of 10 meters, replaced... **2EX** by ... **10EX**