Preventa safety modules
For coded magnetic switch monitoring
XPSDMB, XPSDME

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October 2015
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General contents

Preventa safety modules
For coded magnetic switch monitoring

- Type XPSDMB,
  For coded magnetic switch monitoring
  - Operating principle,
    - References........................................................................................................ page 4

- Type XPSDME,
  For coded magnetic switch monitoring
  - Operating principle,
    - References........................................................................................................ page 5

- Product reference index
  - Index..................................................................................................................... page 6
**Preventa safety modules**

**Type XPSDMB**

For coded magnetic switch monitoring

### Operating principle

Safety modules XPSDMB are specifically designed for monitoring coded magnetic safety switches. They incorporate two safety outputs and two solid-state outputs for signalling to the process PLC. Conforming to Performance Level PL e/Category 4 conforming to EN/ISO 13849-1, modules XPSDMB can monitor two independent sensors. To monitor a higher number of magnetic switches using these safety modules, the magnetic switches can be connected in series parallel.

- Safety modules XPSDMB incorporate removable terminal blocks, thus optimising machine maintenance.
- To aid diagnostics, the modules have LEDs on the front face which provide information on the monitoring circuit status.

### Maximum achievable safety level

- PL e/Category 4 conforming to EN/ISO 13849-1
- SIL CL 3 conforming to EN/IEC 62061

### Product certifications

- UL
- CSA
- TÜV

### References

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<tr>
<th>Description</th>
<th>Connection</th>
<th>Number of safety circuits</th>
<th>Synchro time between inputs</th>
<th>Solid-state outputs for PLC</th>
<th>Supply</th>
<th>Reference</th>
<th>Weight kg/lb</th>
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Preventa safety modules
Type XPSDME
For coded magnetic switch monitoring

Operating principle
Safety modules XPSDME are specifically designed for monitoring coded magnetic safety switches. They incorporate two safety outputs and two solid-state outputs for signalling to the process PLC. Conforming to Performance Level PL e/Category 4 conforming to EN/ISO 13849-1, modules XPSDME can monitor up to six independent sensors.

To monitor a higher number of magnetic switches using these safety modules, the magnetic switches can be connected in series parallel.

- Safety modules XPSDMEPP incorporate removable terminal blocks, thus optimising machine maintenance.
- To aid diagnostics, the modules have LEDs on the front face which provide information on the monitoring circuit status.

Maximum achievable safety level
- PL e/Category 4 conforming to EN/ISO 13849-1
- SILCL 3 conforming to EN/IEC 62061

Product certifications
- UL
- CSA
- TÜV

References

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## Product reference index

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