**Product KSM 100-4**

**Measurements in mm (h x d x w):** 100 x 115 x 157.5

**Description:**
Open programmable safe PLC for machinery and plant construction. The modules can be enhanced up to 130 safe I/Os and/or up to 10 axes.

**Technical data:**
- 4 supplies 30 safe I/Os, 14 safe inputs and 2 safe cut-off channels as well as a memory card slot for easy progress and configuration change.
- Optional fieldbus interface can be integrated.

**SIL in accordance to EN 61508 SIL 3**

**Environmental data:**
- Temperature: up to +70°C
- Humidity: 5% to 95% non-condensing
- Altitude: 0 m to 4000 m

**Electrical data:**
- Supply voltage: 24 VDC 250 mA
- Power consumption: Max. 2 A
- Rated input voltage: 24 VDC 250 mA
- Rated output current: 24 VDC; 20 mA
- Rated output power: 0 VDC 250 mA
- Pulse output (cross-short-circuit detection): Max. 0.2 A

**Max. fuse on supply voltage:** Max. 2 A

**Comprehensive library with pre-configured safety-related sensors and actors**

**Digital inputs:**
- DI 01 to DI 11
- DI 09 and DI 10 OSSD compatible

**Digital outputs:**
- DO 0.1 to DO 0.2
- DO 0 - LO to DO 1 - HI

**Dimensions:**
- 100 x 115 x 157.5 mm

**Weight:**
- 1.5 kg

**Certification:**
- EN 61508 SIL 3

**Wireless technology:**
- Bluetooth

**Technical support:**
- Comprehensive diagnostics integrated in firmware

**Safety related tasks:**
- The firmware of modules offers a comprehensive library for standard functions for safe signal pre-processing of safety-related sensors and actors as well as for practical technology functions especially for safe motion of drives.

**Safety without limits!**

For more information, please visit our website: www.kollmorgen.com