




Safety detection solutions

Coded magnetic safety switches

XCSDMC compact rectangular

XCSDMP standard rectangular, XCSDMR cylindrical

Plastic, connector on flying lead

Type of switch	Rectangular		Cylindrical
	Compact 51 x 16 x 7	Standard 88 x 25 x 13	Diameter 30 Length 38.5
	M8 connector	M12 connector	M12 connector
			

References of switches (1) Δ should be used in conjunction with safety control units (see page 106)

Contact states shown are with the magnet positioned in front of the switch

Contact state	Diagram	XCSDMC590L01M8	XCSDMP590L01M12	XCSDMR590L01M12
2-pole 1 NC + 1 NO (staggered)				
2-pole 2 NC (2) (staggered)				
3-pole 1 NC + 2 NO (1 NO staggered)		-		-
3-pole 2 NC + 1 NO (2) (1 NC staggered)		-		-
2-pole 1 NC + 1 NO (staggered)				
2-pole 2 NC (2) (staggered)				
3-pole 1 NC + 2 NO (NO staggered)		-		-
3-pole 2 NC + 1 NO (2) (NC staggered)		-		-
Weight (kg)		0.101	0.180	0.146

(1) The references of **XCSDM** switches comprise a coded magnet (XC SZ●1) and a magnetic switch (XC SZ●●). Only the coded magnets are available as spare parts (see on page 102).

Example: XCSDMC590L01M8 comprises XCSZC1 (magnet) + XCSZC590L01M8 (switch).

(2) To be associated with a safety control unit which allows 2 NC contacts monitoring (for example XPSUAF●, XPSUS●, XPSUDN●, etc.)

Complementary characteristics not shown under general characteristics (page 99)

Operating zone	Sao: 5 mm Sar: 15 mm	Sao: 8 mm Sar: 20 mm	Sao: 8 mm Sar: 20 mm
Approach directions	3 directions	3 directions	1 direction

Accessories

See page 102