



SSP

Safety System Products

MOSAIC M1

Your advantages

- Width from 22,5mm
- Free Mosaic Safety Designer software
- Easy and quick programming
- Online Mode
- Support in the validation of EN ISO 13849-2 implemented
- Modular expansion of the system up to
- 128 safe inputs
- 16 safe outputs
- Safe speed monitoring according to PLe
- Safe standstill monitoring according to PLe
- Decentralized structure possible
- Memory card for quick replacement



To the downloads ►

we simplify safety

MOSAIC M1

The PLC controller MOSAIC is a modular, configurable safety system for the protection of persons at machines or plants. The modular design and the compact case (from 22.5mm) allows an almost limitless combination of input and output modules as well as some special modules for special applications such as speed monitoring and decentralized design.

The expansion modules are connected to the main module MOSAIC M1 via a backplane bus connector (MCM). The Drag & Drop programming is done via a mini-USB interface with the software "Mosaic Safety Designer". You can download these for free here.

The MOSAIC M1 main module also has 8 digital safety inputs, 2 OSSD pairs with output current of 400mA, 4 test outputs for sensor monitoring, 2 programmable digital information outputs and 2 inputs for reset / start and feedback loop (EDM). It can also be used as stand-alone Cover device even smaller applications.

General data

Type designation	MOSAIC M1
Item number	1100000
Item number (old)	SP-R-11-000-00

Environmental conditions

Max. storage temperature	-20 ... +85 °C
Max. operating temperature	-10 ... +55 °C

Equipment

Safe control technology

MOSAIC HM1 1019871



MOSAIC MBC 1019842



MOSAIC M1

	MOSAIC MBD	1100051	
	MOSAIC MBEC	1019843	
	MOSAIC MBEI	1019844	
	MOSAIC MBEI2B	SP-R-11-000-85	
	MOSAIC MBEM	1019867	
	MOSAIC MBEP	1019845	
	MOSAIC MBMR	1019866	
	MOSAIC MBP	1019840	

MOSAIC M1

	MOSAIC MBU	1019846	
	MOSAIC MCM	1019850	
	MOSAIC MCT1	1019848	
	MOSAIC MCT2	1019847	
	MOSAIC MI12T8	1019824	
	MOSAIC MI16	1019823	
	MOSAIC MI8	1019822	
	MOSAIC MI802	1019819	

MOSAIC M1

	MOSAIC MO2	1019827	
	MOSAIC MO4	1019828	
	MOSAIC MOR4	1019833	
	MOSAIC MOR4 S8	1019834	
	MOSAIC MOS16	1019873	
	MOSAIC MOS8	1019872	
	MOSAIC MR4	1019832	
	MOSAIC MSC	1019851	

MOSAIC M1

	MOSAIC MV0	1019863	
	MOSAIC MV1H	1019858	
	MOSAIC MV1S	1019859	
	MOSAIC MV1T	1019857	
	MOSAIC MV1TB	1019868	
	MOSAIC MV2H	1019861	
	MOSAIC MV2S	1019862	
	MOSAIC MV2T	1019860	

MOSAIC M1

MOSAIC MV2TB

1019869



Downloads

- Product line
- EPLAN-Data