

CONFIGURABLE SAFETY CONTROLLERS

MOSAIC MV1SC

Expansion modules for safety speed monitoring.

Input for 1 Sin/Cos incremental encoder + 1 or 2 PNP/NPN proximity switches.
Clamp terminal blocks.
Compatible: M1-M1S

Certifications:



Technical data:

Family	MOSAIC
Code	1100172
Proximity connections	Terminal blocks
Encoder connections	RJ45
Power supply (VDC)	24 ± 20%
Connections	Removable terminal blocks, clamp contacts
PFHd (IEC 61508)	9,43E-09
Operating temperature (°C)	From -10 to 55
Storage temperature (°C)	From -20 to +85
Dimensions HxWxD (mm)	108 x 22,5 x 114,5
M1 connection	Via MSC bus
Proximity type	PNP/NPN - 3/4 wires
Max. proximity frequency (KHz)	5
Max. number of proximity	2
Max. number of encoders	1
Max. number of axes	2
Max. encoder frequency (KHz)	500
Encoder Interface	Sin/Cos
Packaging dimensions W x H x L (mm)	160 x 135 x 60
Gross weight (Kg)	0,26
Product class	C

Related products:

[MOSAIC CPM](#)

See technical drawing in the next page.

Technical drawing:

