

## CONFIGURABLE SAFETY CONTROLLERS

### MOSAIC MV2S

Expansion modules for safety speed monitoring.

Inputs for 1 or 2 Sin/Cos incremental encoders + 1 or 2

PNP/NPN proximity switches.

Screw terminal blocks.

Compatible: M1-M1S

#### Certifications:



#### Technical data:

Family	MOSAIC
Code	1100076
Power supply (VDC)	24 ± 20%
Connections	Removable terminal blocks, screw contacts
Proximity connections	Terminal blocks
Encoder connections	RJ45
PFHd (IEC 61508)	1,14E-08
Storage temperature (°C)	From -20 to +85
Operating temperature (°C)	From -10 to 55
Dimensions HxWxD (mm)	108 x 22,5 x 114,5
M1 connection	Via MSC bus
Proximity type	PNP/NPN - 3 or 4 wires
Max. proximity frequency (KHz)	5
Max. number of proximity	2
Max. number of encoders	2
Max. number of axes	2
Max. encoder frequency (KHz)	500
Encoder Interface	Sin/Cos
Gross weight (Kg)	0,26
Product class	C
Packaging dimensions W x H x L (mm)	160 x 135 x 60

#### Related products:

- [MOSAIC CPM](#)
- [SAFECODER SC3 24B2048R](#)
- [SAFECODER SC3.05B2048R](#)
- [SAFECODER SC3 24D2048R](#)
- [SAFECODER SC3.05D2048R](#)

See technical drawing in the next page.

Technical drawing:

