

## CONFIGURABLE SAFETY CONTROLLERS

### MOSAIC MV1TBC

Expansion module for safety speed monitoring.  
Input for 1 TTL incremental encoder (24 VDC) + 1 or 2 PNP/NPN proximity switches.

Use this module with TTL encoder powered at 24 VDC.  
Clamp terminal blocks.

Compatible: M1-M1S

#### Certifications:



#### Technical data:

Family	MOSAIC
Code	1100186
Power supply (VDC)	24 ± 20%
Connections	Removable terminal blocks, clamp contacts
Proximity connections	Terminal blocks
Encoder connections	RJ45
PFHd (IEC 61508)	9,32E-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	TTL 24 VDC powered
Packaging dimensions W x H x L (mm)	160 x 135 x 60
Gross weight (Kg)	0,24
Product class	C

#### Related products:

[MOSAIC CPM](#)

See technical drawing in the next page.

Technical drawing:

