

CONFIGURABLE SAFETY CONTROLLERS

MOSAIC MV1T

Expansion modules for safety speed monitoring. Input for 1 TTL incremental encoders + 1 or 2 PNP/NPN proximity switches.

Certifications:



Safety Level:
SIL 3
SIL 3 – SILCL 3 PL e – Cat. 4



Technical data:

Family	MOSAIC
Code	1100070
Power supply (VDC)	24 +/- 20%
Proximity connections	Terminal blocks
Encoder connections	RJ45
PFHd (IEC 61508)	7,08E-9
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
Packaging dimensions WxHxL (mm)	160x135x60
Gross weight (Kg)	0,24

Related products:

[MOSAIC CPM](#)

See technical drawing in the next page.

Technical drawing:

