

MOSAIC MVO

Order Code: 1100077

Safety Speed Monitoring Expansion Unit, 2 Inputs for Proximity Switches, Screw Terminal Blocks



Safety level

PL e

Safety inputs

2 digital inputs

Max. number of proximity

2

Technical Description

Safety Speed Monitoring (up to PL e) for: zero speed control, max. speed, speed range and direction control

Terminal block connection for proximity switches

Max. input frequency for proximity switches: up to 5 KHz

Features

Safety level	PL e
Safety inputs	2 digital inputs
Safety level (SIL / PL)	SIL 3 - SILCL 3 - PL e - Cat. 4
Operating temperature (°C)	- 10 ... 55
Signalling	LEDs indication for operating status and fault diagnosis. LED indication of the: proximity/encoder inputs and speed of the controlled axis (within the range, stand still, overspeed) condition
Connections	Removable terminal blocks, screw contacts
MTTFD (ISO13849) years	30 ... 100
PFHD (IEC 61508)	7,48E-09
Storage temperature (°C)	-20 ... +85
MSC connector provided	Yes
Connection with MSC BUS	Yes
Proximity connections	Terminal blocks
Max. number of proximity	2
Max. number of axes	2
Packaging dimensions HxLxW (mm)	36 x 127 x 113
Product class	C
Custom tariff	85371091

Electrical data

MOSAIC MV0

Power supply (VDC) 24 ± 20%

Max. proximity frequency (KHz) 5

Mechanical data

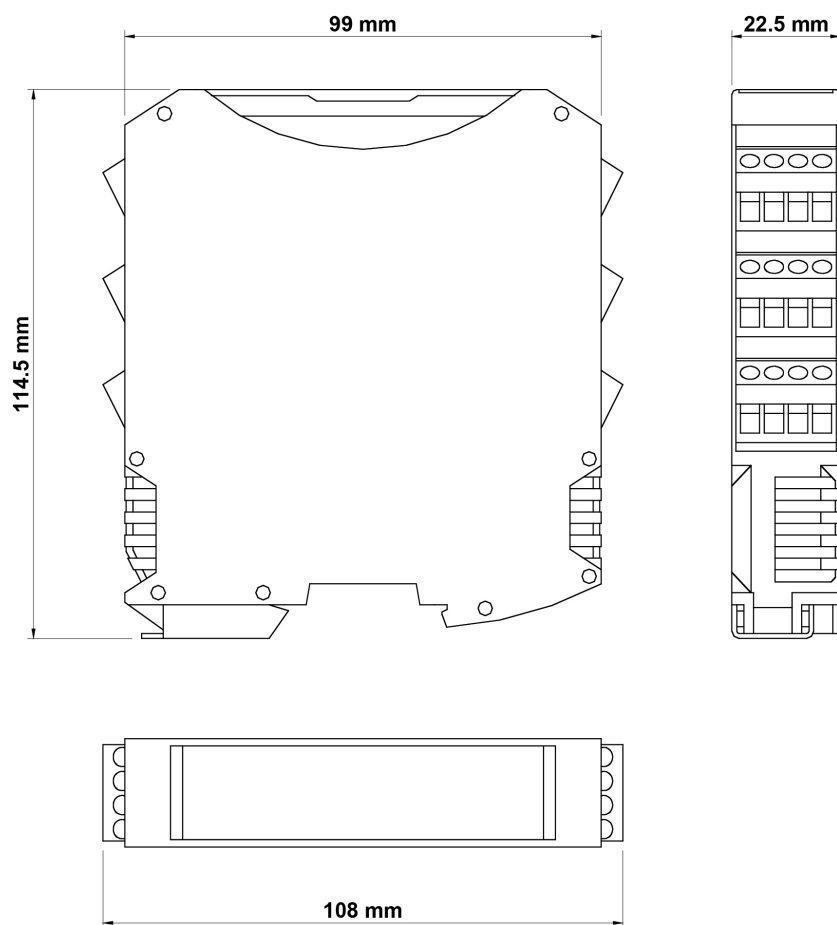
Dimensions HxWxD (mm) 108 x 22,5 x 114,5

Degree of protection IP20 for housing - IP2X for terminal block

Fastening 35 mm DIN rail fastening according to EN 50022-35 standard

Gross weight (g) 168,4

Technical drawings



Certificates

