

MVK-MPNIO F DI16/8

MVK ProfiNet/PROFIsafe Compact module, metal,

safe inputs up to cat.4/PL_e (EN ISO 13849-1), up to SIL3 (IEC 61508), up to SILCL3 (IEC 62061)

FDI16/8 (IRT)

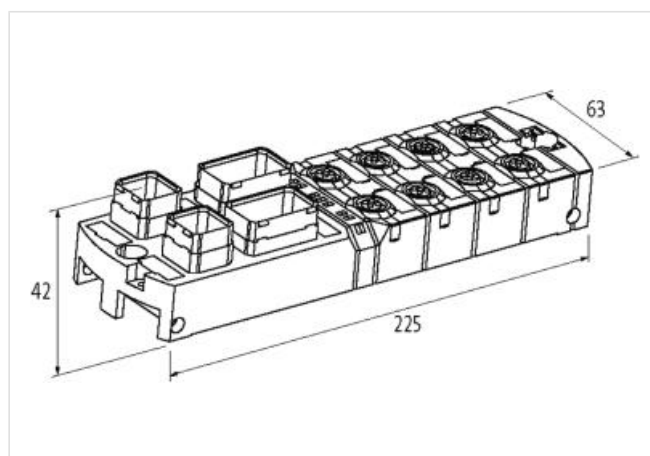
Ethernet 10/100 Mbit/s; Push Pull RJ45 Data connector

Push Pull Power connector, max. 12 A

M12, 5-pole, A-coded

[Link to Product](#)
Illustration

Product may differ from Image

**General data**

Mounting method	2-hole screw mounting
Temperature range	-20...+55 °C (storage temperature -40...+70 °C)
Protection	IP67
Dimensions HxWxD	44x63x225 mm

Connections

Fieldbus	Ethernet 10/100 Mbit/s; Push Pull RJ45 Data connector
Sensor-system/actuator supply	Push Pull Power connector, max. 12 A
I/O ports	M12, 5-pole, A-coded

PROFINET

Specification	V2.2, Conformance Class C (IRT)
Addressing	DCP
MRP	yes
Shared Device	yes, for 2 controls

Safety Indicators

DC	98%
Service life	20 years
Category	up to 4
PFH	1.70E-9
PL	up to e

SIL CL	up to 3
SIL	up to 3
Product article number of manufacturer	55562
Diagnostic	
Communication status	via LED
Diagnostic via LED	per module and channel
Diagnostic via BUS	per module and channel
Actuator warning	per channel via LED and BUS
Monitoring - under voltage	yes
Monitoring - no voltage	yes
Short-circuit and overload	yes
Cross-link detection	Sensor/Actuator
Wire break detection	yes