

MVK MPNIO F DI16/8

safe inputs up to cat. 4/PLe (EN ISO 13849-1), up to SIL 3 (IEC 61508), up to SILCL 3 (IEC 62061)
DI16/8 F
M12, D-coded

Image

Vicarious picture

Bus technologies**Safety Indicators**

PL	up to e
Category	up to 4
PFH	1.70E-9
DC	98 %
SIL	up to 3
SIL CL	up to 3
Service life	20 years

Connections

Fieldbus	M12, D-coded
Sensor-system/actuator supply	7/8", 5-pole, 2 × max. 9 A
I/O ports	M12, A-coded, 5-pole

Fieldbus

Operating voltage	24 V DC (EN 61131-2)
Operating modes	Autonegotiation/Auto MDI/MDI-X
Transfer rate	to 100 MBit/s Full Duplex
Addressing	DCP

Safety input

Sensor supply US	24 V DC (EN 61131-2), max. 200 mA (PIN 1+5), short-circuit and overload protected, or max. 700 mA for only one PIN
Type	for electronic sensors or mechanical switches

All data on this data sheet was compiled carefully.

Liability regarding correctness, completeness, and actuality is limited to gross negligence. Created: 11/14

Diagnostic	
Communication status	via LED
Diagnostic via LED	per module and channel
Diagnostic via BUS	per module and channel
Monitoring - under voltage	yes
Monitoring - no voltage	yes
Short circuit and overload	yes
Actuator warning	per channel via LED and BUS
Cross-link detection	Sensor-/Actuator
Wire break detection	yes
General data	
Protection	IP67
Temperature range	-20...+55 °C (storage temperature -40...+70 °C)
Mounting method	2-hole screw mounting
Commercial data	
Net weight	944
Weight unit	Gram
Basic unit	pc.
Customs tariff number	85176200
Unit (piece)	1
Minimum order quantity (piece)	1
Comments	

Dimension drawing

