

VL30010A

CONNECTION TECHNOLOGY • LOGIC MODULES

Connecting digital signals directly at the machine can contribute to significant cost and effort minimization. A classic application is the linking of different signals directly in the field. Thus, it is possible to avoid long line paths of many individual devices, which significantly reduces the wiring effort and the need for control inputs. All input signals on the logic modules are visualized by integrated LED and are electrically decoupled from each other. In this way, influences from one device to the other are reliably prevented. The outputs of the modules are overload-proof and the upcoming signal is also indicated by an LED. In addition to logical input signal connections such as AND and OR, versions with signal change control are also available. The ipf logic modules are available for DIN rail mounting or as



field modules. Therefor and because of the robust housing, which is characterized by a high degree of protection against the penetration of dust and water, our devices can be used in all areas of machines, equipment and tools.

TECHNICAL DATA

TECHNICAL DATA	
	3
	12
	10
AS-Interface Safety at Work protocol supported	No
ASI protocol supported	No
Ambient temperature	-25 °C 70 °C
Base device	No
CAN protocol supported	No
Corresponding equipment (Ex ia)	No
Corresponding equipment (Ex ib)	No
Data-Highway protocol supported	No
Degree of protection (IP)	IP67
Depth	25.5 mm
DeviceNet Safety protocol supported	No
DeviceNet protocol supported	No
EtherNet/IP protocol supported	No
Expandable	No
Expansion device	No
Foundation Fieldbus protocol supported	No
Front installation possible	No
Height	159.4 mm
Housing material	Plastic
INTERBUS protocol supported	No
INTERBUS-Safety protocol supported	No
IO-Link master	No
KNX protocol supported	No
LON protocol supported	No
Logic	AND/OR
INTERBUS-Safety protocol supported IO-Link master KNX protocol supported LON protocol supported	No No No

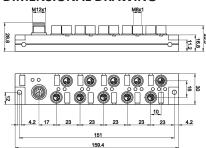


TECHNICAL DATA

MODBUS protocol supported Max. output current 0.2 A Number of inputs per logic unit Number of logic units 1 Number of pins 12 Other bus systems are supported No PROFIBUS protocol supported No PROFINET CBA protocol supported No PROFINET IO protocol supported No PROFINET IO protocol supported No Rack-mounting possible Radio standard Bluetooth No Radio standard GPRS No Radio standard GSM No Radio standard UMTS Radio standard WLAN 802.11 No Radio standard WLAN 802.11 No Redundancy capability No SERCOS protocol supported No SUCONET protocol supported No Suitable for safety functions No Suitable for safety functions No TCP/IP protocol supported No TCP/IP protocol supported No TCP/IP protocol supported No Voltage at DC TCP/IP protocol supported No Voltage type of supply voltage DC Wolting to sensor side Voltage type of supply voltage DC Width Use to sensor side Voltage type of supply voltage No Width Use to sensor side With LED display With Discolations With tielay output No With tielay output No With tielay output With tier clock No With eighay With display No With timer clock No		
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TCP/IP protocol supported Type of electrical connection, control side Type of electrical connection, sensor side Voltage type of supply voltage Wall/direct mounting possible Width With LED display With display With optical interface With relay output No No No No No No No No No N	Suitable for safety functions	No
Type of electrical connection, control side Type of electrical connection, sensor side Voltage type of supply voltage Wall/direct mounting possible Width With LED display With display With optical interface With relay output M12-connector Connector M8 DC Wall2-connector M8 Von No No No No No Midth No No No No No No No No No N	Supply voltage at DC	10 V 30 V
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Voltage type of supply voltage Wall/direct mounting possible No Width 30 mm With LED display Yes With display No With optical interface No With relay output DC No No	Type of electrical connection, control side	M12-connector
Wall/direct mounting possibleNoWidth30 mmWith LED displayYesWith displayNoWith optical interfaceNoWith relay outputNo	Type of electrical connection, sensor side	Connector M8
Width30 mmWith LED displayYesWith displayNoWith optical interfaceNoWith relay outputNo	Voltage type of supply voltage	DC
With LED displayYesWith displayNoWith optical interfaceNoWith relay outputNo	Wall/direct mounting possible	No
With display No With optical interface No With relay output No	Width	30 mm
With optical interface No With relay output No	With LED display	Yes
With relay output No	With display	No
, .	With optical interface	No
With timer clock No	With relay output	No
	With timer clock	No



DIMENSIONAL DRAWING



INSTALLATION



Mounting / Installation may only be carried out by a qualified electrician!

DISPOSAL



SAFETY WARNINGS

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!

Never use these devices in applications where the safety of a person depends on their functionality.