





Technical Data	
<b>Digital inputs:</b>	
Number of inputs	8
Connection type (2)	M8 connectors, 3 poles
Wire connection	2- or 3-wire
Input filter	parametrizable
Input characteristic	Type 1, acc. to IEC 61131-2
Signal voltage (0)	-3 V ... +5 V DC
Signal voltage (1)	+15 V ... +30 V DC
Input wiring	high-side switching
Input voltage	24 V DC (-30 V DC < U <sub>IN</sub> < +30 V DC)
Input current (typ.)	2.8 mA
Cable length, unshielded	≤ 30 m
Wrong connection of inputs	No effect
<b>System bus:</b>	
Number of expendable modules	64
Connection type (3)	M12 connectors, B coded, 5 poles, shielded
<b>Isolation:</b>	
Channel - Channel	No
U <sub>IS</sub> , U <sub>A</sub> , system bus, fieldbus	500 V DC each
<b>Service:</b>	
Type	USB standard 1.1
Connection type (5)	M8 connectors, 4 poles
<b>Standards and approvals:</b>	
UL 508	
Conformity marking	CE
<b>Configurable functions:</b>	
Fieldbus coupler	see manual
<b>Digital Inputs</b>	
Input filter (per channel)	0.1/ 0.5/ 3 /15 /20 ms/ filter off
Inversion (per channel)	On/off
Online simulation (per channel)	Lock/unlock, simulation value: 0/1
Online simulation (per module)	Diagnostics
<b>I/O diagnostics:</b>	
I/O diagnostics (per module)	Short circuit of sensor supply Undervoltage (U <sub>IS</sub> + U <sub>A</sub> )

Technical Data	
<b>Process image:</b>	
Input process image	2048 bytes
Output process image	2048 bytes
Input variables	512 bytes
Output variables	512 bytes
Program memory	1024 Kbytes
Data memory	256 Kbytes
Remanent memory	32 Kbytes (20 Kbytes retain, 12 Kbytes flag)
<b>LED indicators:</b>	
MS : ETHERNET module status	LED (green/red)
NS : ETHERNET network status	LED (green/red)
ACT/LNK 1 : ETHERNET data exchange/network connection	LED (green)
ACT/LNK 2 : ETHERNET data exchange/network connection	LED (green)
CS : Fieldbus coupler status	LED (green/red)
PS: Program status	LED (green/red)
SBM : System bus master status	LED (green/red)
F: Error status	LED (red)
0 ... 7: Input signal status	LED (yellow)
U <sub>IS</sub> + U <sub>A</sub> : Supply status	LED (green)
Indicators	Non-latching
<b>General Specifications</b>	
Dimensions (mm) W x H x L	75 x 35.7 x 117
Weight	330 g