

MASTER COMMUNICATION MODULE

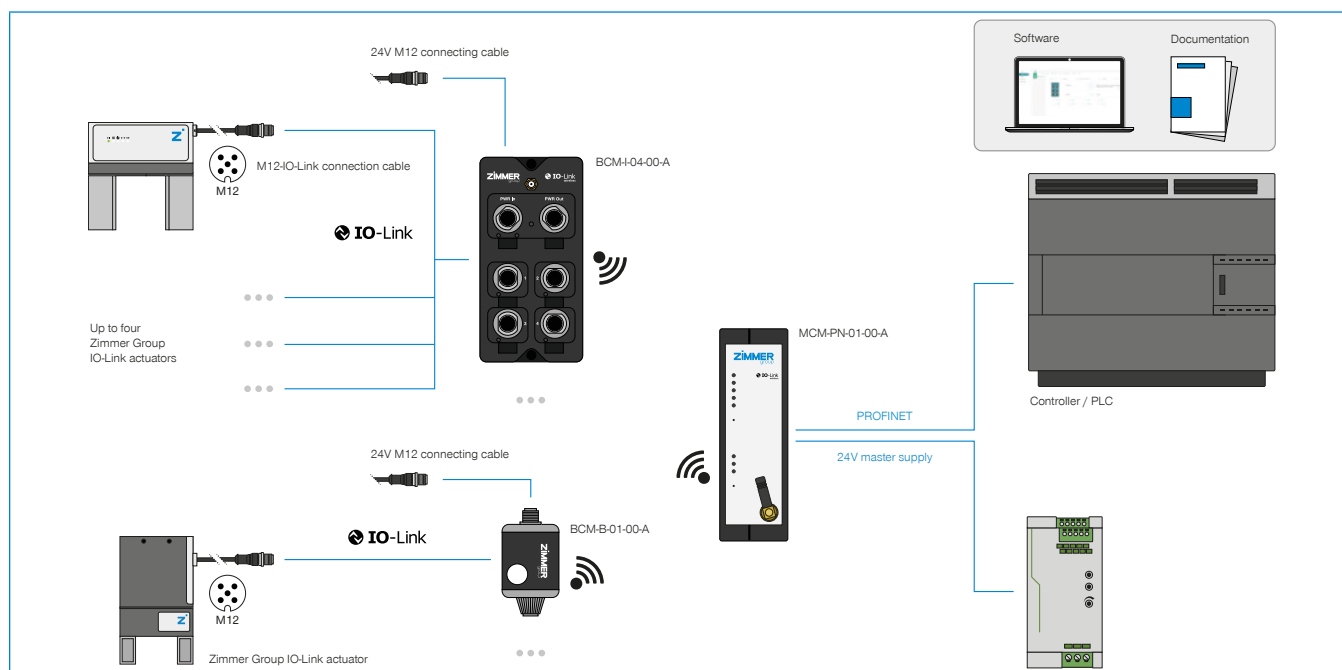
MCM-PN-01-00-A

▶ PRODUCT SPECIFICATIONS



- ▶ All Zimmer Group IO-Link components can be used, regardless of the structure of the existing robot / system base
- ▶ No complex cable routing through the robot or system (slip rings, contact elements etc. not required)
- ▶ No source of error due to moving data cable (mechanical obstacle, broken wire) wearing part eliminated
- ▶ Wireless range of point-to-point communication up to 10 m, up to 30 m with unobstructed view
- ▶ 4 advanced grippers, 8 basic grippers or 8 digital devices
- ▶ Secure and reliable communication thanks to redundant signals and a maximum packet data error rate of 10^{-9}
- ▶ The master has edge computing functions with a Linux operating system including TigoEngine software and Docker functionality

▶ DEVICE CONNECTIVITY



► Technical Data	
Order no.	MCM-PN-01-00-A
Control	Profinet
Number of grippers, max.	8
IO-Link class	Class A/B
IO-Link version	1.1
Frequency range [GHz]	2.4
Antenna	SMA screw connector
Number of antennas [piece]	1
Voltage [V]	24
Supported transmission protocol	COM 3
Mounting options	35 mm top-hat rail
Operating temperature [°C]	0 ... +55
Certifications	UL / CE / UKCA / LABS / REACH / RoHS
Protection to IEC 60529	IP20
Weight [g]	150

