

# MASTER COMMUNICATION MODULE

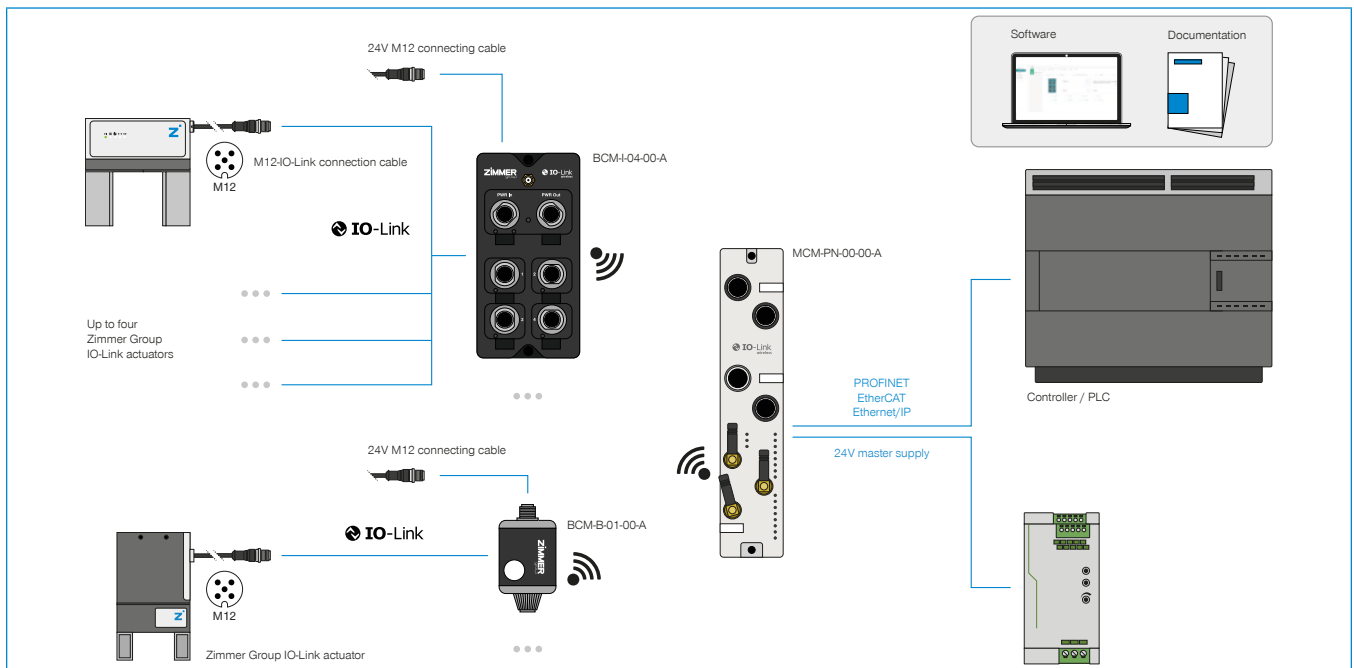
## MCM-PN-00-00-A

### ▶ 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
- ▶ 8 advanced grippers, 16 basic grippers or 16 digital devices
- ▶ Industrial design
- ▶ IP67 certified
- ▶ Secure and reliable communication thanks to redundant signals and a maximum packet data error rate of  $10^{-9}$

### ▶ DEVICE CONNECTIVITY



### ▶ RECOMMENDED ACCESSORIES

#### CONNECTIONS / OTHER



**CSTE01604**  
Straight connecting cable 2 m - M12 socket, 5-pin, L-coded



#### CONNECTIONS / OTHER



**CSTE01605**  
Straight connecting cable 2 m - M12 / RJ45 plug, 4-pin, D-coded



**CSTE01877**  
Straight connection cable 5 m - M12 socket, 5-pin, L-coded



**CELE03175**  
TigoEngine

Order no.		► Technical Data
		<b>MCM-PN-00-00-A</b>
Control	Profinet	
Number of grippers, max.	16	
IO-Link class	Class A/B	
IO-Link version	1.1	
Frequency range [GHz]	2.4	
Antenna	SMA screw connector	
Number of antennas [piece]	3	
Supply voltage [V DC]	18 ... 32	
Supported transmission protocol	COM 3	
Mounting options	Screw mounting	
Operating temperature [°C]	-25 ... +70	
Protection to IEC 60529	IP67	
Weight [g]	227	

