

BRIDGE COMMUNICATION MODULE

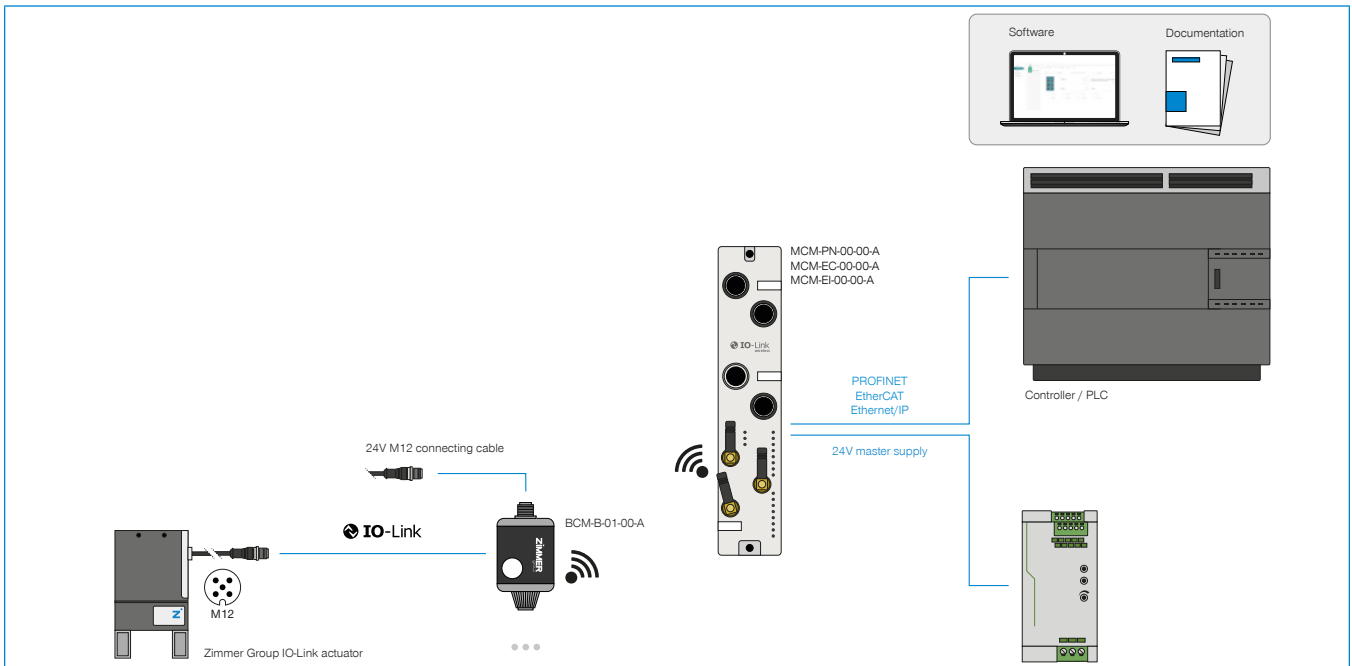
BCM-B-01-00-A

▶ 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
- ▶ Scalable, simple expansion of further grippers by logging on to the master
- ▶ Industrial design
- ▶ IP67 certified

▶ DEVICE CONNECTIVITY



▶ RECOMMENDED ACCESSORIES

CONNECTIONS / OTHER



CSTE00368
Straight connecting cable 10 m - M12 socket, 5-pin, A-coded



CONNECTIONS / OTHER



CELE03175
TigoEngine



CSTE01483
Connection cable straight 5 m - M12 socket



| Order no. | ▶ Technical Data |
|-------------------------------------|--------------------------------|
| | BCM-B-01-00-A |
| Control | IO-Link wireless |
| Number of grippers, max. | 1 |
| IO-Link class | Class A/B |
| IO-Link version | 1.1 |
| Frequency range [GHz] | 2.4 |
| Antenna | Intern Isotrop |
| Supply voltage [V DC] | 18 ... 32 |
| Continuous current load supply [A]* | 4 |
| Load supply peak current [A] | 5 |
| Supported transmission protocol | COM 3 |
| Mounting options | Screw mounting with clip, Free |
| Operating temperature [°C] | -25 ... +50 |
| Protection to IEC 60529 | IP67 |
| Weight [g] | 38 |

*4A only applies to Zimmer components. For other manufacturers 2.5A.

