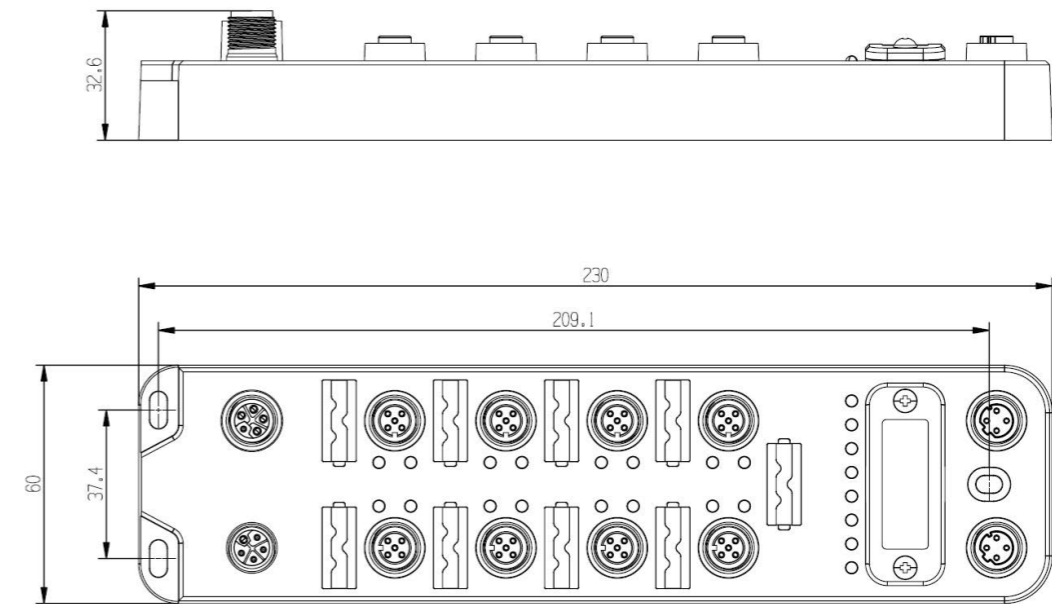


- Integrated structure design
- Free configurable channels
- IP67 protection grade
- Short-circuit&Overload protection
- Metal housing

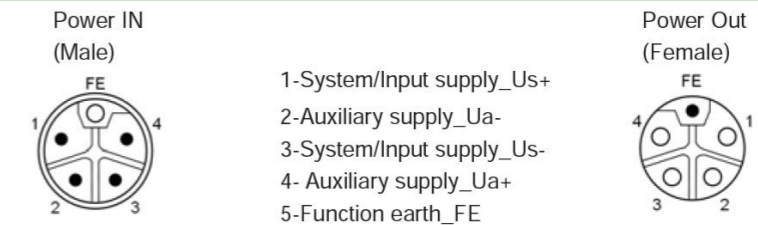


| Ordering data | |
|--------------------------|-------------------------------------------------------|
| Product type | FCEN-16UP-M12-M |
| Description | 16 DI/DO, 8*M12 |
| Communication | |
| Protocol | EtherNet/IP, Profinet, CC-Link IE Field Basic |
| Operating modes | Auto-negotiation, Auto-MDI/MDI-X |
| Transfer rate | 10/100 Mbps |
| Addressing | DHCP, BOOTP |
| Power supply | |
| Supply voltage | 24 VDC(18...30 VDC) |
| Self consumption | Max. 200mA |
| System&Input supply | Us, Max. 12A |
| Output supply | Ua, Max. 12A |
| Electrical isolation | Us and Ua: 24V separated, 0V connected |
| Connections | |
| Power supply | 2 x M12 L-code 5pin, Male+Female |
| Fieldbus | 2 x M12 D-code 4pin, Female |
| Signals | 8 x M12 A-code 5pin, Female |
| Interface | |
| Input channels | Max. 16 |
| Input supply current | Max.200mA per channel |
| Input type | PNP sensors, mechanical switches, dry contacts, etc.. |
| Input delay | 1.6 ms |
| Output channels | Max. 16 |
| Output current | Max. 2A per channel, total max. 12A |
| Output type | Lamps, solenoidvalve, etc.. |
| Output frequency | Resistive load 100Hz, Inductive load 5Hz |
| Diagnostics | |
| Communication indication | LED indication, Communication message |
| Voltage detection | Support, Low voltage alarm |
| Short-circuit & Overload | Support, LED indication |
| General data | |
| Housing material | Casting Zinc Alloy |
| Protection | IP67 |
| Temperature | Operating -25...+70 °C, Storage -40...+85 °C |
| Dimensions (W*H*D) | 60x230x32.6 mm |

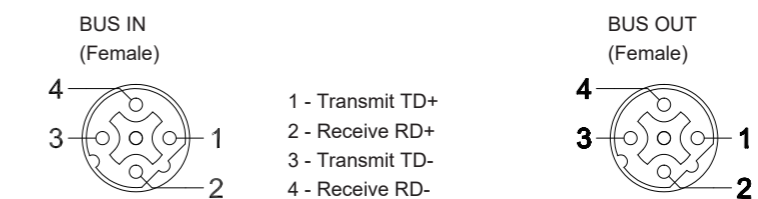
Dimensions drawing



Voltage supply drawing



Fieldbus drawing



I/O Port drawing

