

## Extensions with M12x1 connector

For CFSQ, CFSW, EBR-SWM and EBR-SWB

### STANDARD EXECUTIONS

Polyamide based (PA) technopolymer connector with housing and contact holder.

- **FC-M12x1-P4**: 4 pole M12x1 female axial connector. Cable with sheath in PVC CEI 2022, black colour. Nickel-plated brass nut.
- **FC-M12x1-P8**: 8 pole M12x1 female axial connector. Cable with sheath in PVC, black colour, UL/CSA STYLE type. AISI 316 stainless steel nut.

### COMPATIBILITÀ

Electromechanical products with 4 and 8 pole male connector output.

- Hinges with built-in safety switch CFSQ (see page 964).
- Hinges with built-in safety multiple switch CFSW (see page 968).
- Handle with monostable electrical switch EBR-SWM (see page -).
- Handle with bistable electrical switch EBR-SW (see page -).

### SPECIAL EXECUTIONS ON REQUEST

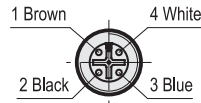
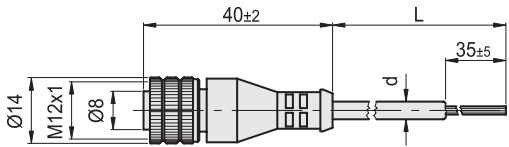
Extensions with cables in different lengths.

| Connector                  | FC-M12x1-P4           | FC-M-12x1-P8          |
|----------------------------|-----------------------|-----------------------|
| Conductors cross-section   | 4x0.34mm <sup>2</sup> | 8x0.33mm <sup>2</sup> |
| Maximum applicable voltage | 250V                  | 30V                   |
| Maximum current            | 4A                    | 2A                    |
| Isolation resistance       | ≥100Ω 500VDC          | ≥100Ω 500VDC          |
| Working temperature        | -25°C, +70°C          | -15°C, +70°C          |
| Protection class           | IP69K *               | IP67 *                |

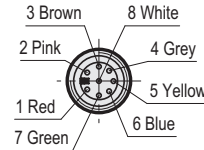
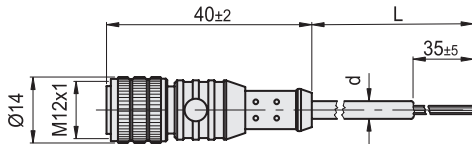
\* With the connector properly screwed



FC-M12x1-P4



FC-M12x1-P8



| Code   | Description      | L     | d   | ⚖   |
|--------|------------------|-------|-----|-----|
| 426502 | FC-M12x1-P4-2.5  | 2500  | 5   | 210 |
| 426505 | FC-M12x1-P4-5.0  | 5000  | 5   | 300 |
| 426510 | FC-M12x1-P4-10.0 | 10000 | 5   | 400 |
| 426503 | FC-M12x1-P8-2.5  | 2500  | 7.2 | 210 |
| 426506 | FC-M12x1-P8-5.0  | 5000  | 7.2 | 300 |
| 426511 | FC-M12x1-P8-10.0 | 10000 | 7.2 | 400 |