# Configuration of your RECF receiver

| RECF | - | CO | J | U | - | 4 | S | I | - | 24 | E | C | 0 | / |
|------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | ① | ② | ③ | | ④ | ⑤ | ⑥ | | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ |

**Fat** standard configuration

### Fieldbus

| | | |
|----|----|----|
| | **CO** | **CANopen (slave node)** |
| | IP | Ethernet/IP 100Mbit |
| | PN | Profinet |
| ① | DP | Profibus DP |
| | S2 | RS232 Modbus |
| | S4 | RS485 Modbus |
| | SU | USB |

### Frame of Exchange

| | | |
|----|----|----|
| ② | **J** | **Standard JMei** description available on request |
| | C | Customer-specific |

### Sense

| | | |
|----|----|----|
| ③ | **U** | **Unidirectional,** receiver-> API |
| | B | Bi-directional, if the transmitter allows it |

### Frequency range

| | | |
|----|----|----|
| | **4** | **434MHz** (433.100 à 434.700MHz) |
| | 8 | 868MHz (863.050 à 869.950MHz) |
| ④ | 9 | 915MHz (915.000 à 925.00MHz) |
| | 2 | 2.4GHz |
| | P | Protected, license needed |

### HF power

| | | |
|----|----|----|
| ⑤ | **S** | **Standard, module** range ~ 100 m |
| | A | Amplified Module, range ~ 1000 m |

### Antenna

| | | |
|----|----|----|
| | **I** | **Internal antenna** |
| | B | External BNC antenna |
| ⑥ | T | External TNC antenna |
| | F | External FME antenna |
| | N | External N antenna |
| | S | External SMA antenna |

### Supply voltage

| | | |
|----|----|----|
| ⑦ | **24** | **9..36VDC** |
| | 12 | 4.5..18VDC |

### Safety contacts

| | | |
|----|----|----|
| ⑧ | **E** | **2 parallel contacts** |
| | D | 1 contact |

### Main connection
Power + relay security + relay function

| | | |
|----|----|----|
| ⑨ | **C** | **Cable 10x0.75mm² 2,5m** |
| | M | M12 8-poles male connector |

### Bus connection

| | | |
|----|----|----|
| | **C** | **On the main cable** only for CANopen |
| ⑩ | M | M12 female connector |
| | | - 4 poles + B-coding: Profibus DP |
| | | - 4 poles + D-coding: Ethernet |
| | | - 5 poles + A-coding: CANopen and others |

### Special

| | | |
|----|----|----|
| ⑪ | F | Wired link with the transmitter-connection on the cover[1] |
| | G | Wired link with the transmitter-connection on the back[1] |

# Technical specifications of the RECF

| Feature | Value |
|---------|-------|
| **Dimensions (LxHxE)** | 120 x 117 x 58mm |
| **Weight** | 340g (without cable) |
| **Operating temperature** | -20 ° C to + 55 ° C |
| **Index of protection** | IP66 |
| **Consumption** | 150mA @24VDC, 300mA @12VDC |
| **Safety level performance** | PLd or Ple (on request) |

# Accessories

| | |
|----|----|
| Ethernet cable - 3 m - M12/5D-RJ45 | Main cable - 3 m - M12/8 |
| Profibus cable -3 m - M12/5B | Transceiver-receiver connection cable - 10 m |
| Bus cable - 3 m - M12 /5A | |
| ... other lengths on request | |

[1] Requires a suitable transmitter