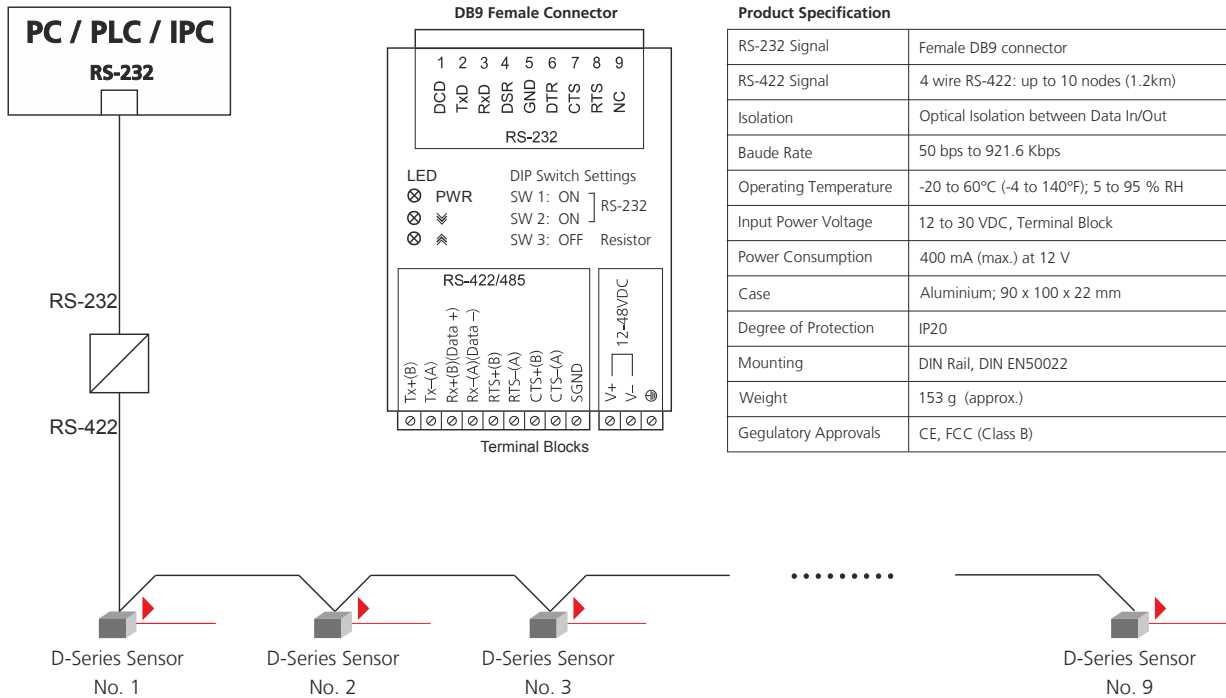# Converter RS-232 to RS-422

Part No. 500210

With the RS-232/RS-422 converter it is possible to control the sensors through an industrial interface. Consequently, it is possible to control D-Series devices which are placed remotely (up to 1200 m).

The RS-232 to RS-422 Converter is an IP20 module and is mountable on a 35 mm DIN rail. Furthermore, it is possible to control up to 10 Laser Distance Sensors.

## Application example

**DB9 Female Connector**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|
| DCD | TxD | RxD | DSR | GND | DTR | CTS | RTS | NC |

RS-232

LED     DIP Switch Settings
⊗ PWR     SW 1: ON ⎤
⊗ ≫     SW 2: ON ⎦ RS-232
⊗ ≪     SW 3: OFF   Resistor

RS-422/485     12-48VDC

Tx+(B) Tx−(A) Rx+(B)(Data +) Rx−(A)(Data −) RTS+(B) RTS−(A) CTS+(B) CTS−(A) SGND     V+ V− ⏚

Terminal Blocks

### Product Specification

| | |
|---|---|
| RS-232 Signal | Female DB9 connector |
| RS-422 Signal | 4 wire RS-422: up to 10 nodes (1.2km) |
| Isolation | Optical Isolation between Data In/Out |
| Baude Rate | 50 bps to 921.6 Kbps |
| Operating Temperature | -20 to 60°C (-4 to 140°F); 5 to 95 % RH |
| Input Power Voltage | 12 to 30 VDC, Terminal Block |
| Power Consumption | 400 mA (max.) at 12 V |
| Case | Aluminium; 90 x 100 x 22 mm |
| Degree of Protection | IP20 |
| Mounting | DIN Rail, DIN EN50022 |
| Weight | 153 g  (approx.) |
| Gegulatory Approvals | CE, FCC (Class B) |

**PC / PLC / IPC**
RS-232

RS-232

RS-422

D-Series Sensor No. 1    D-Series Sensor No. 2    D-Series Sensor No. 3   ·········   D-Series Sensor No. 9

## Order information

| Part No. | Description |
|---|---|
| **500210** | **Converter RS-232 to RS-422**<br>IP20 module, mountable on 35 mm DIN rail<br>applicable for D-Series |

18.08.2017 / Subject to change without notice