

## FF DTS1010

### Distributed Temperature Sensor 1-2-4 Channel, 10 Km Range



VdS

**EN54-22**

#### FEATURES

- ▶ 7-inch touch screen display, 1024\*600 - pixel
- ▶ 1-2-4 channel options
- ▶ 10 km detection range for each channel
- ▶ 48 NO and NC relay output
- ▶ Temperature resolution 0.3°C@10s, 10 km
- ▶ Provides maximum protection with a short measurement time of approximately 5 seconds
- ▶ Precise point detection of cable breakage or disconnection (with a maximum accuracy of ±5m)
- ▶ VDS approved
- ▶ Compatible with multimode fiber optic cable (62.5/125)
- ▶ EN 54-22 standard

#### TECHNICAL SPECIFICATIONS

|                       |                         |
|-----------------------|-------------------------|
| Supply Voltage        | 24 V DC                 |
| Power Consumption     | 85W (max)               |
| MODBUS                | MODBUS TCP / MODBUS RTU |
| RJ45                  | 1 X 100Mbps             |
| Serial                | 1x RS-485 - 1x RS-232   |
| USB                   | 1 x USB                 |
| Dimension             | 485 x 133 x 509 mm      |
| Net / Shipping Weight | 10 / 12 kg              |
| Operating Temperature | -10°C - +55°C           |
| Operating Humidity    | 0 - 95%RH               |
| Storage Temperature   | -10°C - +85°C           |
| IP Rating             | IP40                    |
| Standard              | EN 54-22                |

#### ORDER OPTIONS

- ▶ FF DTS1002 Distributed Temperature Sensor, 1-2-4 Channel, 2 Km Range
- ▶ FF DTS1004 Distributed Temperature Sensor, 1-2-4 Channel, 4 Km Range
- ▶ FF DTS1008 Distributed Temperature Sensor, 1-2-4 Channel, 8 Km Range
- ▶ FF DTS1010 Distributed Temperature Sensor, 1-2-4 Channel, 10 Km Range