



### TDS12311

### Analogue input interface with 8 TELETASK inputs

The TDS12311 analog input interface is a DIN-rail mounted electronic sensor input interface with 8 analog inputs. The inputs are to be used to integrate the TDS12250, TDS12251, TDS1260 and TDS12270 sensors, for temperature, light and humidity measurement and control.

#### APPLICATION

Interface between AUTOBUS and TELETASK sensors.

#### CHARACTERISTICS

Up to 8 TELETASK sensors can be connected.

#### SETTINGS

##### Configuration

Via PROSOFT Suite (V3.6.22 or higher).

##### AUTOBUS address

Via two rotary switches "Tens" & "units".

##### Jumper

Terminating resistor (supplied with the interface). To be used when the interface is at the physical end of the AUTOBUS cable.

#### INSTALLATION

##### DIN-rail mounting

3 modules wide

##### Supply voltage

12V supplied by the AUTOBUS (minimum 9V). Can be checked with PROSOFT Diagnostics.

#### CONNECTIONS

##### AUTOBUS

AUTOBUS connector set + patch cable (supplied with the interface).

##### Inputs

Screw terminals; max. 4mm<sup>2</sup> solid (AWG 12) or 2,5mm<sup>2</sup> stranded (AWG 14).

Always connect each sensor with a separately cable (three wires).

Maximum cable length between sensors and interface is 50 meters.

#### POWER CONSUMPTION

##### AUTOBUS

Max. 70 mA (20 mA Standby)

#### DIMENSIONS

54 W x 90 H x 60 D (mm)

#### NET | GROSS WEIGHT

0,105 kg | 0,225 kg

#### PACKAGING CONTENT

TDS12311 interface  
AUTOBUS connector set + terminating resistor  
AUTOBUS Patch cable

#### ENVIRONMENTAL CONDITIONS

##### Storage (with no condensation or icing)

Temperature: -20°C to +65°C max.

Relative humidity: 5% to 85% max.

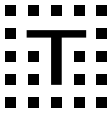
##### Operation (with no condensation or icing)

Temperature: 0°C to +50°C max.

Relative humidity: 5% to 80% max.

#### IP PROTECTION RATE

IP20



**SCHEMATIC DRAWING**

**AUTOBUS**

