



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. 4mm² solid (AWG 12) or 2,5mm² 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

