VAISALA

INDIGO510 Transmitter

Features/Benefits:

- Optional touchscreen LED Display for configuration and numerical and graphical readings
- Compatible with all Indigo smart probes: HMP1, HMP3, HMP4, HMP5, HMP7, HMP8, HMP9, TMP1, DMP5, DMP6, DMP7, DMP8, GMP251, GMP252, MMP8, HPP271, HPP272
- 2 galvanically isolated analog output channels configurable for current or voltage outputs
- Ethernet connection with web interface available for remote access to live readings
- Modbus® TCP/IP communication protocol over Ethernet
- Data logging capabilities for all measurement parameters
- IP66 rated metal enclosure
- Protective extra-low voltage (PELV) powering
- UL Listed in USA and Canada

Summary:

Transmitter designed for use with all Indigo smart probes. Transmitter must also be compatible with Indigo80 Handheld Indicator, as well as Vaisala Insight PC Software. Transmitter to be powered by 11 … 35 VDC or 24 VAC ± 15% 50/60 Hz, max current 2 A. Transmitter to have two galvanically isolated analog output channels configurable and scalable for 0 … 1 V, 0 … 5 V, 0 … 10 V, 0 … 20 mA, or 4 … 20 mA. Transmitter to also support digital output using Modbus® TCP/IP. Housing material is to be AlSi10Mg metal and rated to be IP66 . Optional display material is strengthened glass (IK08). Available mounting options include direct mounting of the transmitter housing, DIN rail kit, retrofit adapter plate (designed for when the Indigo510 is replacing the HMT330, DMT340, or PTU300 Transmitter), outdoor installation kit, or pole mounting kit. Operating temperature range of transmitter shall be -20 … +60 °C (-4 … +140 °F) with the optional display, and −40 … +60 °C (−40 … +140 °F) for the non-display version. Transmitter shall be rated to be installed up to 4000 m. Ethernet connection shall allow for web interface access for remote configuration and monitoring via smart phone or PC. Integrated data-logging capabilities must include a non-volatile memory, accounting for at least 10 years of storage with a 24 hour logging interval.

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