TBUP50-1100

Industrial automation components

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Manufacturer	Schneider Electric
Catalog number	tbup50-1100
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Wireless Remote Data Logger
Product Family	SCADAPack 50
Battery Type	Lithium-thionyl chloride (Li-SOCl2)
Battery Life	Up to 5 years
Signal Input Types	Discrete, Analog, ModBus Digital
Data Storage Interval	Configurable
Wireless Communication	GSM via SMS
Application Areas	Water Supply Monitoring, Gas Distribution Network Control, Power Monitoring, Isolated Tank Level Monitoring, Wastewater Monitoring, Cathodic Protection

Description

The Schneider Electric TBUP50-1100 is a wireless remote data logger from the SCADAPack 50 series, designed for efficient monitoring of remote assets. This device operates autonomously, powered by a lithium-thionyl chloride (Li-SOCl2) battery that ensures up to five years of maintenance-free operation. It captures both discrete and analog signals from peripheral devices and digital data from ModBus-compatible equipment, storing the information at specified intervals. Subsequently, it transmits the collected data wirelessly via GSM network through SMS, facilitating real-time monitoring and analysis. The TBUP50-1100 is particularly suitable for applications such as water supply system monitoring, gas distribution network flow and pressure control (including leak detection), power monitoring, isolated tank level monitoring, wastewater monitoring, and cathodic protection of pipelines. Key features include rapid installation for cost-effective deployment, configuration via local interface or host network, and a fully autonomous operation with a battery

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life of up to five years. For more detailed specifications and information, please refer to the product page on Schneider Electric's official website.

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