

- 1 D+H Mechatronic (english)**
- 1.1 Expansion Modules**
- 1.1.1 KNX Gateway- KNX Modbus RTU Gateway**

### **Gateway KNX to Modbus/ACN**

#### **Performance features:**

Compact KNX Modbus RTU Gateway with a width of max. 1 DU (18 mm) with 250 freely configurable channels (KNX data points). Easy integration of Modbus devices that support the RTU protocol via RS-485 Modbus Main (Client) or Sub (Server) function. The assignment between KNX objects and Modbus registers can be configured via parameters in the ETS. Including interpretation and scaling of Modbus data according to the data point types of the KNX standard. Via a DCA plugin it is possible to import the project image from the D+H Software SCS into the gateway. Local operation (test functions) and visualization of the device status via push buttons and multicoloured LEDs on the device front. The Modbus connection is electrically isolated from the KNX bus. All connections are pluggable

#### **Technical data:**

Type of installation: DIN rail with 1 DU (18 mm)  
Supply voltage Modbus-side: Auxiliary supply 12 - 24 V DC  
Input power KNX Bus-side: Approx. 4 mA  
Input power Modbus-side: Approx. 5 mA  
Operation elements: 2 buttons  
Display elements: 3 LEDs multicoloured  
Modbus channels: Up to 250  
Modbus type: RTU (RS-485) Main (Client) or Sub (Server)  
Connection cable diameter: 0.34 - 2.5 mm<sup>2</sup>  
Connection type for Modbus: Screw terminal pluggable (3-pin)  
Connection type for auxiliary supply: Screw terminal pluggable (3-pin)  
Type of protection: IP 20  
Temp. range: -5 °C till + 45 °C  
Housing material: Plastic  
Weight: Approx. 50

#### **Scope of supply:**

Module

Brand: D+H Mechatronic AG  
Type: KNX Modbus RTU Gateway

#### [Planning Support](#)

**Artikelnr.:** 70.602.18

**Quantity:** ..... **Stk**    **Preis:** ..... **€**    **TP:** ..... **€**