

isHMuxGate

HART-IP Gateway



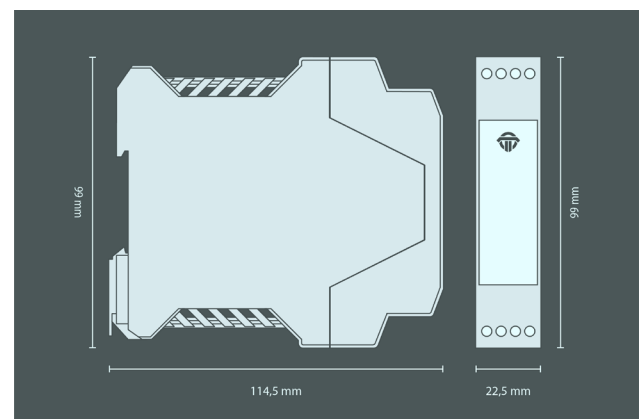
The HART-IP gateway isHMuxGate is an ideal solution for retrofitting HART networks with Ethernet. It makes this possible without the need to replace existing RS485 HART multiplexers commonly used in HART networks. This guarantees minimal wiring effort and saves existing investments.

Through the seamless translation of the different HART multiplexer protocols to HART-IP, the network can be enabled for the requirements of the future. The isHMuxGate is therefore ideally suited for engineering tasks, asset management solutions such as NAMUR Open Architecture (NOA) and field device access via FDI and FDT.



Technical data

Processor	ATSAMA5D27C
RAM	64 MByte or 128 MByte
Flash	256 MByte
Transmission rate	<u>Ethernet</u> : 10 Mbit/s – 100 Mbit/s <u>RS-485</u> : 9,6 kBit/s, 19,2 kBit/s, 38,4 kBit/s
Power supply	10,8V .. 30V DC
Power consumption	50mA (typ. at 24V DC)
Galvanic isolation	yes
Protection class	IP20
Body material	Polyamide
Dimensions (L x W x H)	114,5mm x 22,5mm x 99mm
Weight	approx. 110g
Operating temperature	- 40 .. 70°C / - 40° F .. 158° F
Storage temperature	- 40 .. 85°C / - 40° F .. 185° F
Order code	14400-0101



Currently supported and tested multiplexers:

- Hport, Arcom Control Systems
- MTL4841 Multiplexer, Measurement Technology
- MTL4850 Multiplexer, Measurement Technology
- KFD2-HMM-16, Pepperl Fuchs
- MUX2700-G, Pepperl Fuchs
- IS pac 9192 16 ch, Stahl
- GMI 5700 HART Mux