

isH4Cube

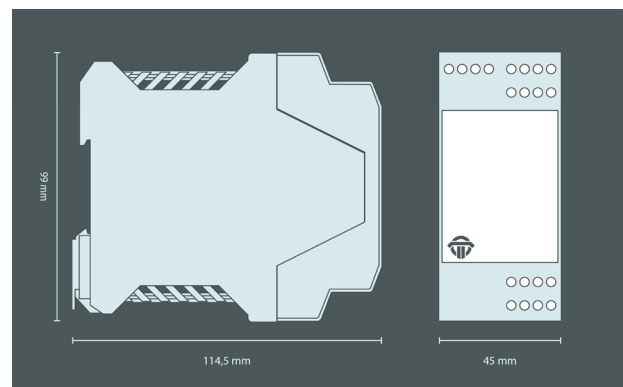
HART-Ethernet Gateway



The isH4Cube is an Ethernet gateway for the connection of HART instruments to an Ethernet network. The gateway translates from wired HART into a number of different industrial Ethernet protocols like HART-IP, Modbus-TCP or Profinet.

The gateway provides 4 HART connections, each one equipped with a separate HART modem. This allows to run the 4 channels independently. By processing HART requests on different channels simultaneously, system performance is increased significantly.

All 4 channel are galvanically isolated and provide an optionally usable 240 Ohm loop resistor.



Technical details	isH4Cube
Interface	RJ 45 (Ethernet)
Processor	ATSAM9X60D
RAM	64 MB
Flash	256 MB
Transmission rate	Ethernet: 10 Mbit/s – 100 Mbit/s / HART: 1200 Bit/s
Power supply	19,2 - 30V DC
Power consumption	60mA (typ. at 24V DC)
Galvanic isolation	yes
Protection class	IP20
Body material	Polyamide
Dimensions (L x W x H)	114,5mm x 45mm x 99mm
Weight	approx. 200 g
Operating temperature	- 20° C <= T _{amb} <= 70° C / -4° F <= T _{amb} <= 158° F
Storage temperature	- 40° C <= T _{amb} <= 85° C / - 40° F <= T _{amb} <= 185° F
Ordercode	14400-0201