

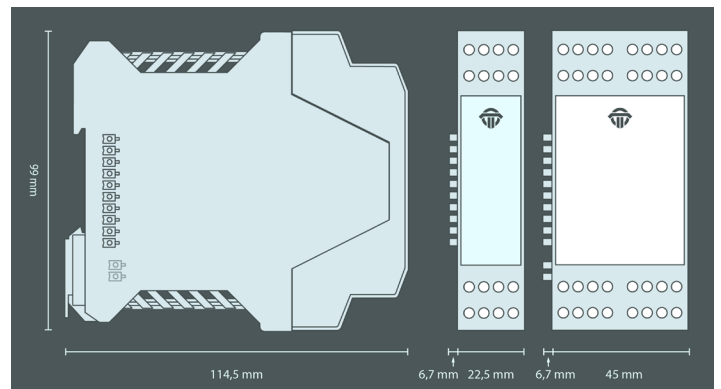
isNet H@rt4/8

Ethernet Gateway



The isNet H@rt Module extends the main module isNet Lite to work as an HART-Ethernet gateway. The HART Ethernet gateway is an up-to-date option to replace the widely used RS485 HART multiplexer solutions as it enables the direct connection to the existing data network of a plant. Since every HART channel possesses its own HART modem, the isNet H@rt module can handle all channels in parallel and take advantage of the high bandwidth of TCP.

The isNet H@rt modules are equipped with either four (single width) or eight (double width) channels. Up to five HART modules can be connected to the main module, so a maximum of 40 HART channels can be operated in parallel. Every channel provides galvanic decoupling from the HART line. Access to the HART network is achieved by 8 plug-in screw-type terminals.



Technical details	4 - Channel isNet H@rt4	8 - Channel isNet H@rt8
Connectors	4 screw type terminals	8 screw type terminals
LxWxH in mm	114,5 x 22,5 ⁽¹⁾ x 99	114,5 x 45 ⁽¹⁾ x 99
Power consumption	1,2W	1,4W
Weight	140 g	250 g
Temperature range	- 40° C ≤ T _{amb} ≤ 70° C / - 40° F ≤ T _{amb} ≤ 158° F	
Storage temperature	- 40° C ≤ T _{amb} ≤ 85° C / - 40° F ≤ T _{amb} ≤ 185° F	
Transmission rate	1200 Bit/s	
Pollution degree	2	
Altitude	up to 2000 m	
Wire size	0,2 mm ² ... 2,5 mm ² /AWG24 ... AWG 12 ⁽⁴⁾	
Driver software	Windows XP, Vista, 7, 8 or 10	
Delivery content	Hardware, isNet DTM Library, Pactware, User manual isNet Line on CD	
Order code	19300-0601	19300-0701

⁽¹⁾ Dimensions without lateral plugs

⁽⁴⁾ Cable entries and field wiring must be suitable for an operating temperature of at least +20°C above ambient.