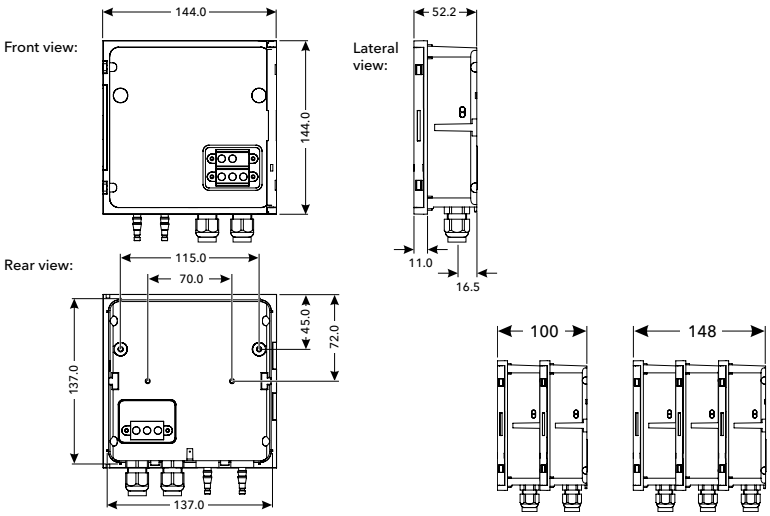
IQ Sensor Net MIQ module for compressed air cleaning

Whether automatic or sensor triggered (for spectral sensors) – the MIQ/CHV Plus provides both, easy installation included

We would like to inform you about the application range on our website



Technical Data

Model	MIQ module MIQ/CHV Plus
MIQ Module Coupling at Front	Combined mechanical and electrical connection for rapid docking and removal of the MIQ/TC 2020 3G Terminal/Controller (configurated as Terminal) and for docking additional modules
MIQ Module Coupling at Rear	Combined mechanical and electrical connection, for rapid coupling to MIQ modules, up to 3 modules as a stack mounted unit possible
Cable Feeds	2 screw cable glands M 16 x 1.5 and 2 pressure hose nozzle
Terminal Connections	Screw terminal strips Terminal area for solid conductors: 0.2 ... 4.0 mm^2 Terminal area for flexible conductors: 0.2 ... 2.5 mm^2 accessible by opening cover
IQ Sensor Net Terminal Connections	Terminal connections for the IQ Sensor Net are available on each module and can be used as required: - for connecting sensors - as an input/output or for looping through/branching of the IQ Sensor Net cable
Other Functions	Two LEDs, yellow and red, for monitoring the operating voltage of the IQ Sensor Net; IQ Sensor Net connection, Integrated local identity function; Integrated switchable terminal resistor (SN terminator)
Electric Supply	Directly via the IQ Sensor Net
Ambient Conditions	Operating temperature: -4 °F … 131 °F (-20 °C … +55 °C); Storage temperature: -13 °F … 149 °F (-25 °C … +65 °C)
Housing Material	PC – 20 % GF (polycarbonate with 20 % fiberglass)
Protection Rating	IP 66 / corresponding to NEMA 4X (not for direct conduit connections). Conduits need to be connected with flexible adapters (CC-Box), respectively with adapters CC-PM..
Dimensions (W x H x D)	5.67 x 5.67 x 2.05 in. (144 x 144 x 52 mm)
Weight	Approx. 1.1 pounds (0.5 kg)
Certifications	ETL, cETL (conforms with relevant UL and Canadian standards), CE
Electromagnetic Compatibility	EN 61326-1, Class B; FCC Class A
Integrated Overvoltage Protection	According to EN 61326-1 enhanced overvoltage protection for the entire system, implemented in each component
Connection Medium Cable	IQ Sensor Net cable SNCIQ or SNCIQ/UG (underground cable with additional PVC coating): 2-wire with shield; 2 x 0.75 mm^2; Filler cord for easy connection of shield: 0.75 mm^2; pressure resistant to 10 bar
Connection Characteristics	Energy and data transfer via 2 wire technique; resistant to reversed polarity; Comprehensive EMC shield control; cable topology within IQ Sensor Net system as required, e.g. in the form of a line, tree, star, multiple star; Total cable length: max. 1000 m/1094 yds (without signal amplifying), with signal amplifying module MIQ/JBR additional 1000 m/1094 yds (max 3000 m/3282 yds)
Warranty	3 years for defects of quality

Model	Description	Order No.
MIQ/CHV PLUS	Module IQ/Cleaning Head Valve for automatic relay or IQ Sensor Net controlled compressed air cleaning (relay and compressed air supply, external)	480018

WTW a xylem brand

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