



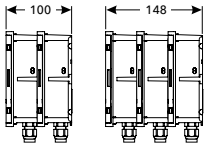
IQ SENSOR NET MIQ modules for IDS sensors



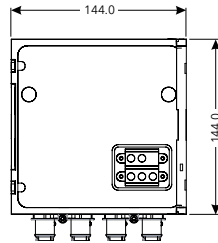
Modules to connect IDS sensors for the monitoring of drinking water. Can be combined with all IQ SENSOR NET systems.

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

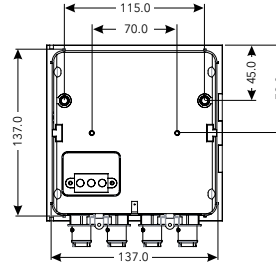
stack mounting:



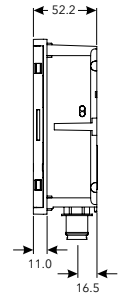
front view:



rear view:



side view:



Models MIQ modules	MIQ/IDS1	MIQ/IDS2	MIQ/IDS4
MIQ Module Coupling at Front	Combined mechanical and electrical connection for rapid docking and removal of the MIQ/TC 2020 3G Terminal/Controller (configured 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		
Mounting	By SNCIQ(/UG) cable or stack mounting		Stack mounting
IDS Sockets	1	2	4
	For plugging in IDS sensors, secured by bayonet lock		
IQ SENSOR NET Terminal Connections	2 screw cable glands M 16 x 1.5 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 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	IP66; 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. 2.2 pounds (1 kg)		
Certifications	ETL, cETL (conforms with relevant UL and Canadian standards), CE, UKCA		
Electromagnetic Compatibility	EN 61326-1, Class A; 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/IDS1	Modul IQ to connect 1 IDS sensor and 2 IQ sensors	480031
MIQ/IDS2	Modul IQ to connect 2 IDS sensors and 2 IQ sensors	480032
MIQ/IDS4	Modul IQ to connect 4 IDS sensors	480034



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