

Accessories

IQ SENSOR NET and further Process Instrumentation



For the IQ SENSOR NET, WTW offers a wide range of mounting accessories. From channel over tank to pipe installation - from wall over rail to floor mounting. Besides ready-to-go sets, we also provide accessories as single scopes to enable any kind of individual demand for sensor and controller/module mounting.

Further mounting equipment for drinking water and other analog sensors are also available.

Fields of application:

- Mounting:
 - Channel
 - Basin
 - Pipe
- Mounting:
 - Wall
 - Handrail
 - Floor

see also www.xylymanalytics.com/en/products/accessories



Accessories for the IQ SENSOR NET System



Sensor Mounting

Extensions and holders

Controller/Module Mounting

Sunshields and mounting kits

Cable

Sensor and connection cables

Ready-to-go Sets

To mount up to 3 sensors including controller/module



Sensor holder EH/U 170 with SACIQ-7,0



Sensor holder EH2/U 170 with 2 x SACIQ-7,0



Sun shield SSH/IQ

Ordering Information

Model	Description	Order No.
Sensor Mounting: Extensions and holders		
UA 55	Universal extension assembly (incl. handle and set of seals) for sensors 650, 690 and 70X (IQ), length: 317 mm (12.48 in)	109260
UA 130	Universal extension assembly (incl. handle and set of seals) for sensors 650, 690 and 70X (IQ), length: 1067 mm (42.01 in)	109261
EH/U 170	Sensor holder for 1 Sensor 650, 690 and 70X (IQ) to a swing mounting assembly	109320
EH2/U 170	Sensor holder for 2 Sensors 650, 690 and 70X (IQ) to a swing mounting assembly	109323
EH/W 170	Sensor holder for 1 Sensor 650, 690 and 70X (IQ) for direct wall mounting of UA armatures	109274
Controller/Module Mounting: Sun shields and mounting kits		
SD/K 170	Sun shield for outdoor installation of junction boxes or an IQ SENSOR NET module and monitors	109284
MR/SD 170	Mounting kit for attaching sun shields to pipes	109286
SSH/IQ	Sun shield for mounting of IQ SENSOR NET modules and monitors	109295
PMS/IQ	Kit for panel mounting of IQ SENSOR NET modules and monitors	480048
THS/IQ	Kit for top hat rail mounting of IQ SENSOR NET modules and monitors	480050
ADA/D-SUB	D-SUB connection for Profibus and Modbus connections of IQ SENSOR NET modules and monitors	902888
Sensor and connection cables		
SACIQ-1,5	Cable to connect an IQ sensor, 1,5 m length	480040
SACIQ-7,0	Cable to connect an IQ sensor, 7 m length	480042
SACIQ-15,0	Cable to connect an IQ sensor, 15 m length	480044
SACIQ-20,0 SW	Cable to connect an IQ sensor, 20 m length, seawater application	480045
SNCIQ	Connection cable for the IQ SENSOR NET, per meter	480046
SNCIQ-100	Connection cable for the IQ SENSOR NET, 100 m	480068
Ready-to-go Sets to mount up to 3 sensors including controller/module		
IN/SET1	Installation set for 1 Sensor 650, 690 and 70X (IQ), incl. mounting stand, sensor holder, sun shield	109304
IN/SET2	Installation set for 2 Sensors 650, 690 and 70X (IQ), incl. mounting stand, sensor holder, sun shield	109305
IN/SET3	Installation set for 3 Sensors 650, 690 and 70X (IQ), incl. mounting stand, sensor holder, sun shield	109306



further accessories and alternatives see brochure "Product Details" and website

Information about IQ SENSOR NET system see from page 42

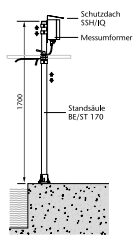
Sensors see from page 8



Accessories for EX area see brochure "Product Details"

Mounting Stands

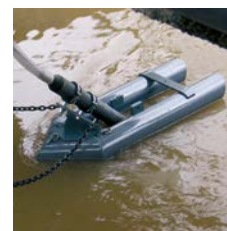
From wall over rail to floor mounting



BE/ST 170

Floaters

For fluctuating water levels



Float S 200

Fixtures

For pendulum and swing holders, without stands



Swivel fixture BE/R 170-D

Chain and Shackle

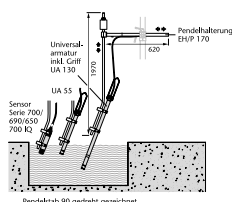
For individual solutions



CH/SO

Swing, Pendulum and Clamp Holders

To mount sensors and holders



EH/P 170

Mounting Equipment for 60 mm Sensors

For spectral and sludge level sensors



Holding Device VIS Set/EH

Cleaning Accessories

Cleaning Air Box (Pressured air cleaning) and spare parts



Cleaning head CH

Junction Boxes

To connect analog sensors to the IQ SENSOR NET



KI/pH-MIQ/S

Ordering Information

Model	Description	Order No.
BE/ST 170	Vario floor mounting stand, incl. universal joint fixture and brackets for sun shield	109280
BE/ST 170-R	Vario pipe mounting stand, incl. universal joint fixture and brackets for sun shield	109281
BE/ST 170-M	Vario wall mounting stand, incl. universal joint fixture and brackets for sun shield	109283
S 200	Float for mounting sensor if water level fluctuates	108540
BE/M 170	Masonry fixture installation of swing or pendulum mounting assembly directly on the basin edge or on top of a wall	109276
BE/R 170-D	Swivel/pivot clamp fixture for mounting of a swing or pendulum mounting assembly directly to basin railing	109279
S/CH	Shackle for chain fitting	505123
CH/SO	Chain per meter	505124
EH/F 170-1,5	Swing mounting assembly, incl. chain, boom: 1.5 m/4.9 ft	109272
EH/F 170-2,5	Swing mounting assembly, incl. chain, boom: 2.5 m/8.1 ft	109273
EH/W 172	Wall mounting for 60 mm sensors	109361
EH/WB	Sensor carrier for 60 mm sensors	109362
Cleaning Air Box - 230 VAC	Air compressor for pressured air cleaning of sensors, 230V	480019
CH	Cleaning head to air pressure clean 40 mm sensors, incl. 15 air pressure tubes	900107
KI/pH-MIQ/S	Connection box for high impedance pH/ORP electrodes to IQ SENSOR NET	505544
KI/LF-0,4/MIQ	Connection box for conductivity cells with NTC to IQ SENSOR NET, cell constant: 0.475 cm ⁻¹	505572



further accessories and alternatives see brochure "Product Details" and website

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60 mm Sensors: Spectral - page 30 Sludge - page 39



Accessories for EX area see brochure "Product Details"

Retractable Armatures

For pipe installation, enables sensor removal during operation



Retractable armature

Flow Cells

For measurements in the bypass



VIS FT-1

Flow Assemblys

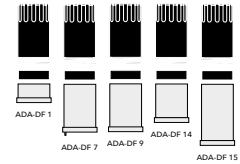
For pipe installation, without sensor removal during operation



EBST 700-DU/ND

Adapters

Needed for usage of flow cells and vessels



Ordering Information

Model	Description	Order No.
WA 700/10	Retractable armature for measurements in pipelines, 40 mm sensors, removal during operation, 10 bar	480100
WA 700/2	Retractable armature for measurements in pipelines, 40 mm sensors, removal during operation, 2 bar	480102
ESS-WA 700/VA	Stainless steel (1.4571) weld-in socket for retractable armatures	480106
ADA-WA 1	Adapter for retractable armatures for pH/ORP, conductivity, D.O., turbidity and TSS	480108
D 700/N	Flow cell for multi-parameter measurements (D.O., pH/ORP, conductivity, T)	203745
VIS FT-1	Flow cell for spectral UV and UV/VIS sensors	480080
EBST 700-DU/5N	Flow assembly for measurements in PVC pipelines, for sensors 650, 690, 70X (IQ)	203753
ESS 700 VA/N	Weld-in socket, for measurements in Stainless steel (1.4571) pipelines, for use with sensors 650, 690, 70X (IQ)	203755
ADA-DF 1	Adapter for flow cell for measuring of pH/ORP, conductivity and D.O.	203761
ADA-DF 7	Adapter for flow cell for measuring of turbidity	203773
ADA-DF 9	Adapter for flow cell for measuring of pH/ORP, D.O., conductivity, turbidity and suspended solids	203777



further accessories and alternatives see brochure "Product Details" and website

Information about IQ SENSOR NET system see from page 42

Analog Sensors see from page 11



Accessories for EX area see brochure "Product Details"

Accessories for further Process Instrumentation

Drinking Water Flow Cells

For pH/ORP, conductivity or chlorine

Mounting equipment for Analog Sensors

For pH process electrodes and conductivity measuring cells

Ordering Information

Model	Description	Order No.
D-CL	Flow cell for chlorine sensors for drinking water	201150
D 222/3	Flow cell for pH, conductivity and ORP sensors for drinking water	401995
MZ WIS 40 ST 44	Weld-in socket fitting (straight), stainless steel (1.4404), for installation of CHEMtrac 830 M	108533
CHEMtrac 830 M	Manual retractable housing, stainless steel (1.4404), changing without process interruption; for pH electrodes	109237
ADA-G 1"	V4A-stainless steel (1.4571) muffle for analogue Conductivity measuring cells	303202
EST-LRD	V4A-stainless steel (1.4571) weld-in socket for installation of LRD 01 or LRD 325	303209



further accessories and alternatives see brochure "Product Details" and website

Conductivity measurements see from page 16

pH/ORP measurements see from page 12

Chlorine measurements see from page 40