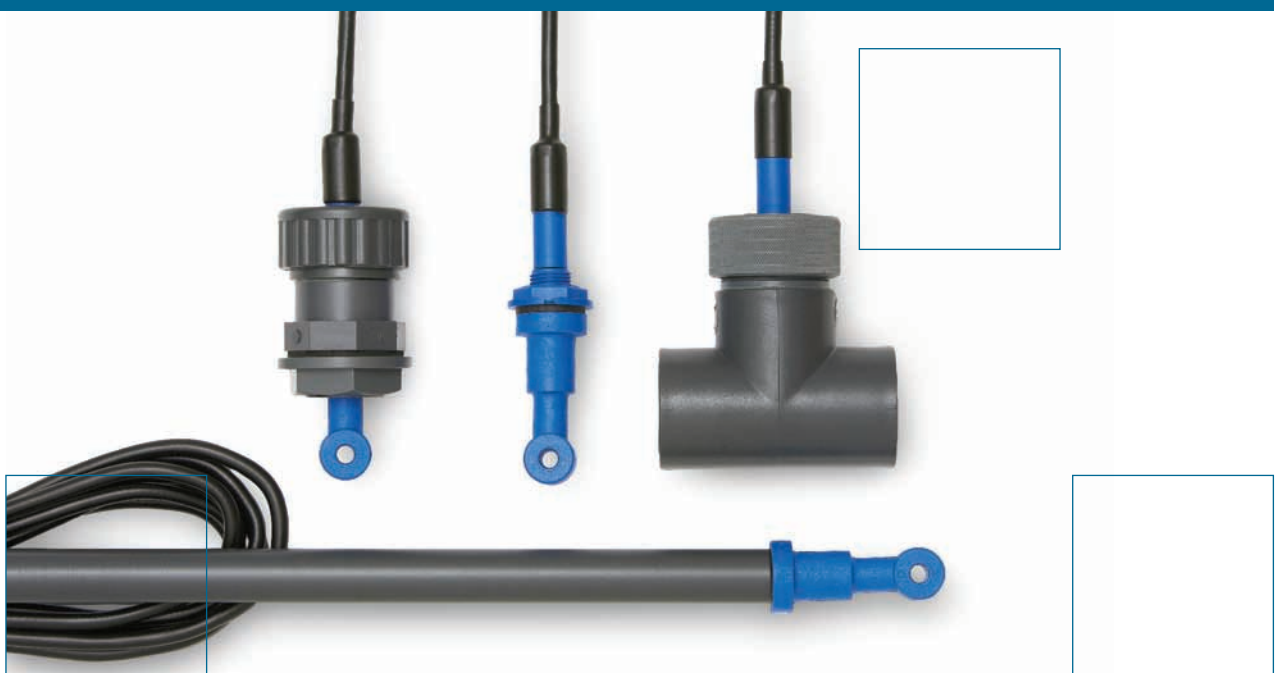


ECS20 SERIES

Low Cost Electrodeless Conductivity Sensors.



Features

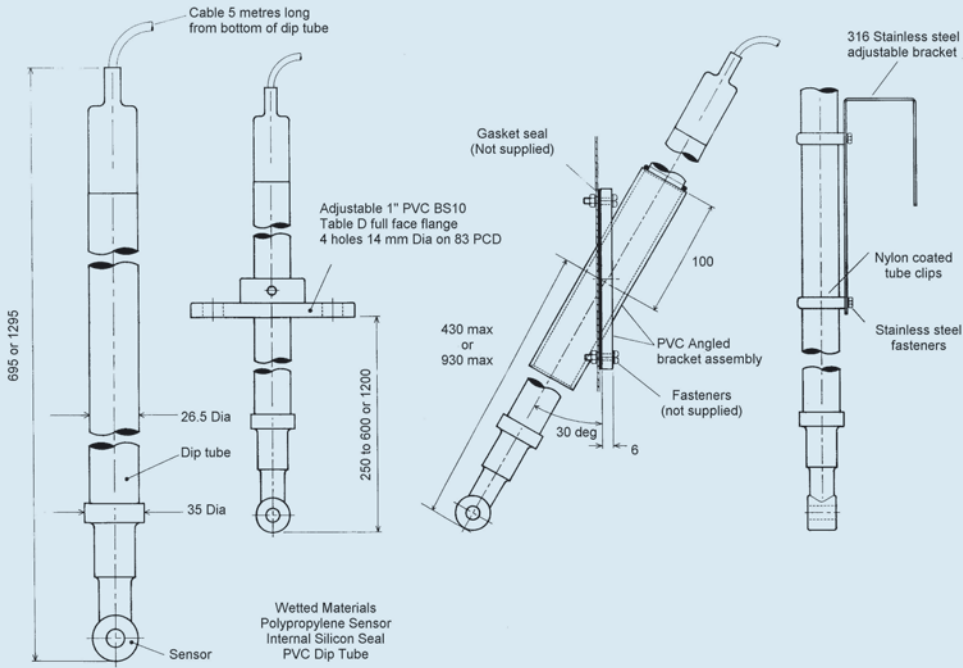
- Low maintenance
- Inline, dip and tank mounting options
- Ideal for cooling tower bleed, rinse water & solution concentration applications
- Competitively priced

The ECS20 series of electrodeless conductivity sensors have been developed and engineered to produce a very low cost sensor without sacrificing performance or quality. This has been achieved by injection moulding the sensor in glass loaded polypropylene.

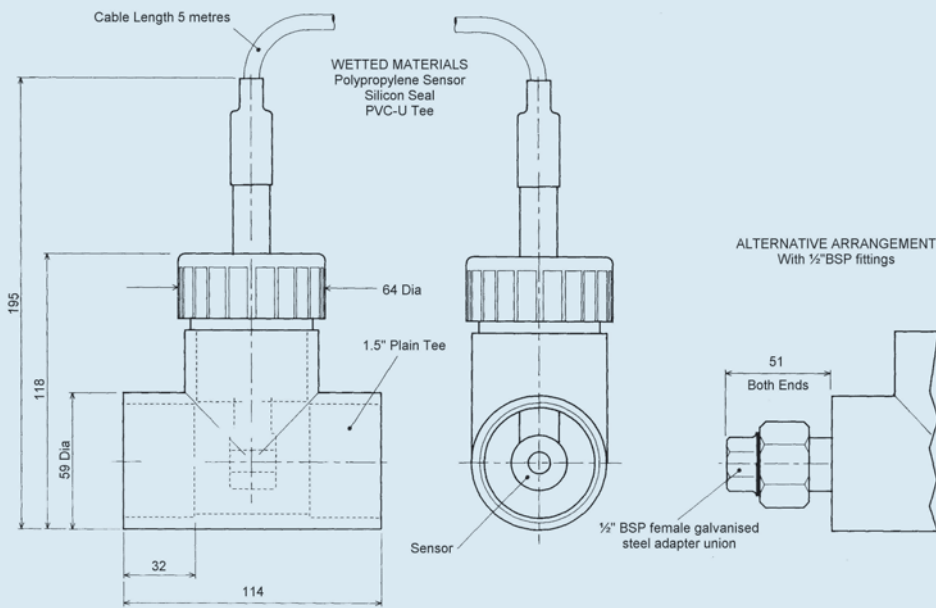
The ECS20 series sensors are extremely tolerant of coating on the sensor, probably the greatest problem with conventional conductivity measurement. The sensors will operate with virtually zero maintenance and provide reliable measurement.

The ECS20T incorporates temperature compensation and by utilising the correct version and suitable mounting accessories the sensors can be mounted inline, in an open tank, in a tank wall or a large bore pipe.

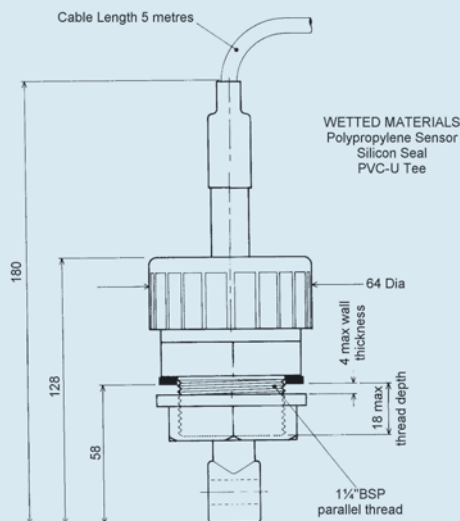
ECS22T



ECS24T



ECS27T

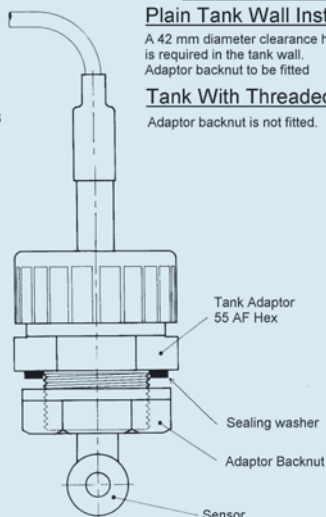


Installation Notes Plain Tank Wall Installation

A 42 mm diameter clearance hole is required in the tank wall.
Adaptor backnut to be fitted

Tank With Threaded Socket

Adaptor backnut is not fitted.



ECS20T sensor only

Operating temperature:

-5 to 60°C (not freezing)

Wetted material:

Glass filled Polypropylene

Temperature compensation:

PT1000

Cable:

5 metres terminated with tag ends or C16 connector

Connection:

0.5" BSP male

Protection:

IP67

ECS22T dip assembly

Material:

PVC

Operating temperature:

-5 to 60°C (not freezing)

Dip length:

600 or 1200mm

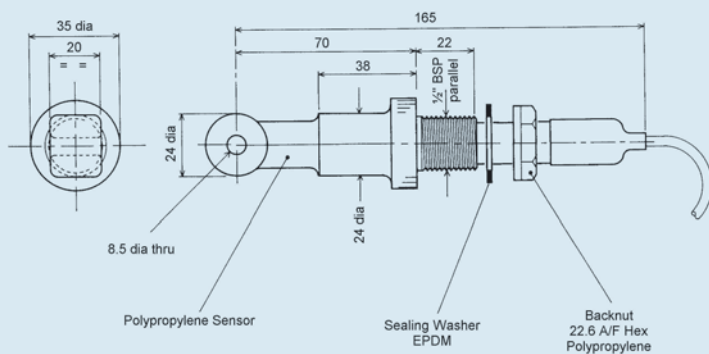
Mounting:

Bracket or flange options

Protection:

IP68

ECS20T



NOTE: 22.0 - 21.4 diameter hole required for fitting

ECS24T in line assembly

Material:

PVC with Viton seal.

Operating temperature:

-5 to 60°C (not freezing)

Size:

1.5" plain tee with 0.5" BSP option.

Operating pressure:

Vacuum to 6.5 bar (100 psi).

ECS27T tank mounting/ insertion assembly

Material:

PVC with Viton seal.

Operating temperature:

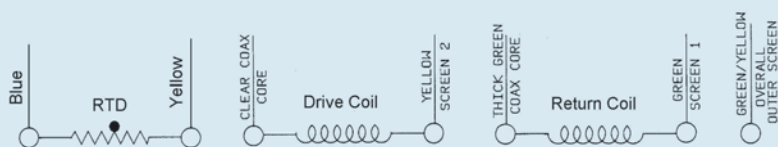
-5 to 60°C (not freezing)

Size:

1.25" BSP

Operating pressure:

Vacuum to 6.5 bar (100 psi).



Order Codes

Type No	Part No	Description
ECS20T	8480	Polypropylene moulded electrodeless conductivity sensor with Pt1000 temperature compensator and 5m of connection cable
ECS22T	8481	600mm PVC dip assembly with ECS20T sensor.
ECS22T	8482	1200mm PVC dip assembly with ECS20T sensor.
	6081	ECS22T tank wall angled flange adaptor
	1624	ECS22T stainless steel mounting bracket
	6082	ECS22T 1" PVC adjustable flange
ECS24T	8489	In-line 1.5" plain PVC tee assembly with ECS20T sensor
ECS24T	8490	As above with 0.5" BSP connections
ECS27T	8491	Insertion tank mounting 1.25" BSP assembly with ECS20T sensor

Sensors fitted with C16 connector for use with HET63 wall mount transmitters

Type No	Part No	Description
ECS20T	8535	Polypropylene moulded electrodeless conductivity sensor with Pt1000 temperature compensator and 5m of connection cable
ECS22T	8536	600mm PVC dip assembly with ECS20T sensor.
ECS22T	8537	1200mm PVC dip assembly with ECS20T sensor.
ECS24T	8538	In-line 1.5" plain PVC tee assembly with ECS20T sensor
ECS24T	8538	As above with 0.5" BSP connections
ECS27T	8539	Insertion tank mounting 1.25" BSP assembly with ECS20T sensor



These products comply with current European Directives