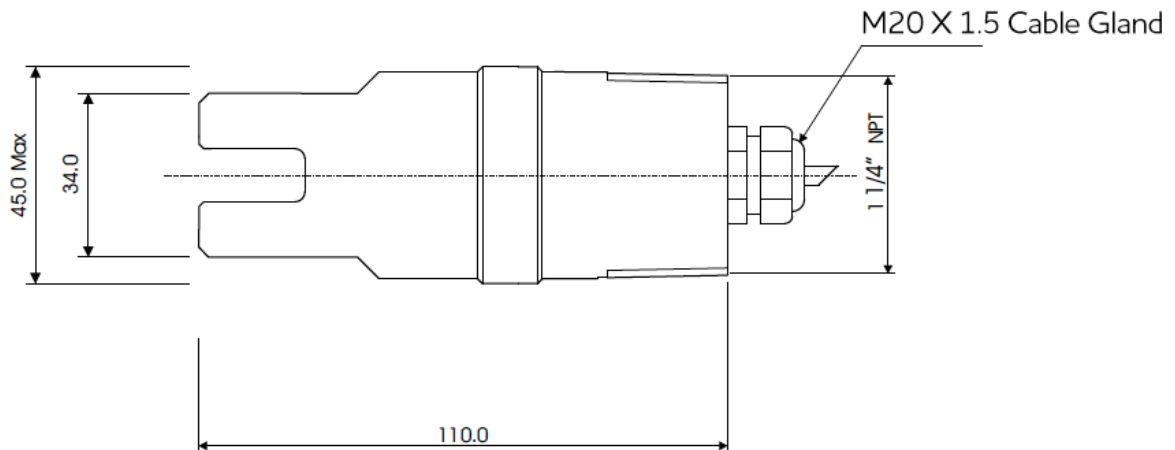# quadbeam
NEXT LEVEL EFFICIENCY

S10-IMM
Immersion Style

Example concentration

0-25 g/L SiO2. Applications include return and waste-activated sludge measurement, clarifier monitoring.

Dimensions

M20 X 1.5 Cable Gland

45.0 Max

34.0

1 1/4" NPT

110.0

Key features

SELF-COMPENSATING
Multi-beam sensor, virtually eliminates drift due to contamination or electronic ageing.

ONE-PIECE BODY
No lenses to leak, glass-free design.

SIMPLE TO USE
Simple user interface

RELIABLE
Accurate, repeatable & reliable.

Example applications

Immersion style sensors are designed for continuous on-line monitoring of suspended solids.

Return and waste-activated sludge measurements, thickened and digested sludge to clarifiers, or centrifugal, gravity or filter.

Normal activated sludge.

0 to 25g/L

Coal fines

0 to 4%

(the measuring range will vary according to media and particle characteristics)

Further specifications

ACCURACY
+/- 2% of reading

REPEATABILITY
+/- 1% of reading

TEMPERATURE
0 to 85°C operating range

PRESSURE
10 Bar

CABLE
Polyurethane-covered cable rated to 95°C. Extension cables can be supplied to extend the cable up to 50m.

TRANSMITTER
Quadbeam MXD75 or MXD73

OPTIONAL EXTRAS
Cleaner - powered using air at 5 Bar.

Model no. selection guide

BASIC MODEL NO.:
S10 - Measuring range 0 - 25 g/L.

BODY STYLE
IMM - Immersion Style body

WAVE LENGTH
880 - 880nm Standard. Other wave lengths available

BODY MATERIAL
PP - Polypropylene

CABLE
10 - Both immersion and hygienic sensors are supplied with a 10m cable as standard. Other lengths available

CONNECTOR
NC - No Connector. Cores stripped and crimped for direct connection with the MXD Transmitters
CA - Amphenol Connector. For use with Hygienic sensors using extension cables.

Sample model no: S10-IMM-880-PP-10-NC

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