

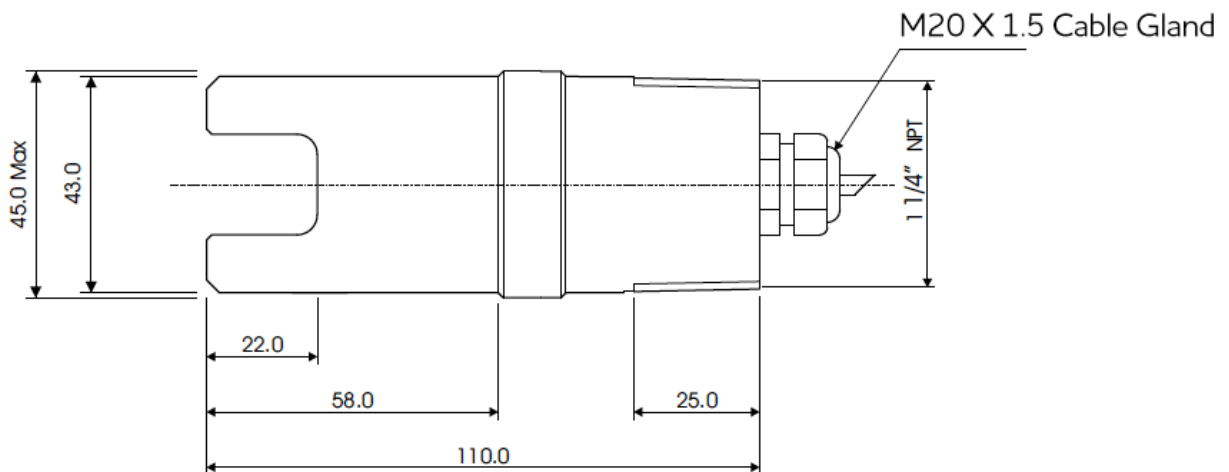
# S20-IMM Immersion Style

## Example concentration

0-10 g/L SiO<sub>2</sub>. Applications include solids recovery, separator control, loss monitoring, water/product interface.



## Dimensions



## 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.**

Most commonly used sensor in a wide range of applications including product loss monitoring and control, mixed liquor suspended solids, sludge blanket detection, return activated sludge.

**Normal activated sludge.**

**0 to 10g/L**

(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.:

**S20** - Measuring range 0 - 10g/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

**Sample model no: S20-IMM-880-PP-10-NC**

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