

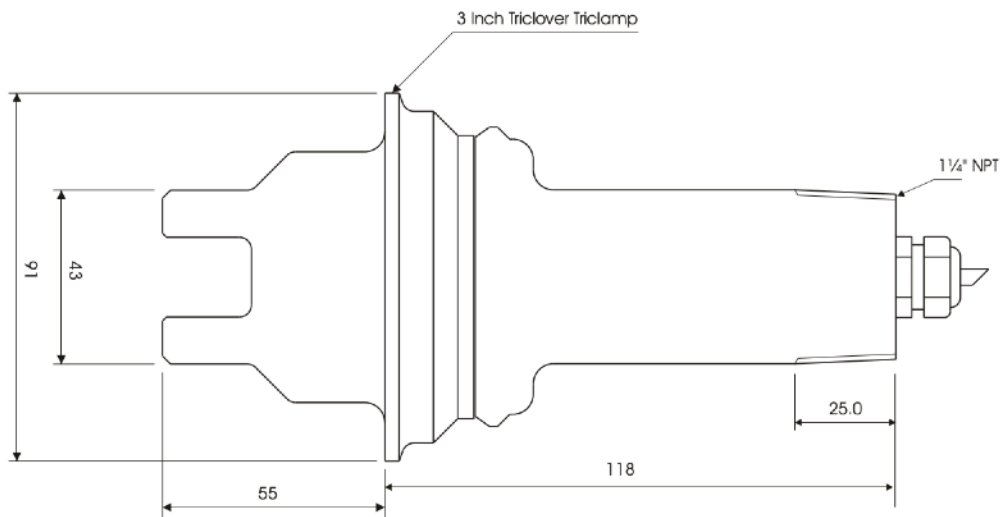
S20-3HY-AIO

Example application

Measures 0-20% milk fat. 3" Tri-Clamp Fitting
 Install directly into food process line.
 No controller required. 4-20mA and Modbus RS485
 directly from sensor.



Dimensions



Key features

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SELF-COMPENSATING
 Multi-beam sensor, virtually eliminates drift due to contamination or electronic ageing.
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ONE-PIECE BODY
 No lenses to leak, glass-free design.
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SIMPLE TO USE
 Simple user interface
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RELIABLE
 Accurate, repeatable & reliable.

Example applications

Hygienic style sensors designed for solids concentration control directly in the food and dairy process lines.

Most commonly used for product other than water interface control, fat concentration control, separator optimisation, solids recovery and loss monitoring.

Milk fat



(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

5 Bar

CABLE

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

OUTPUTS

Modbus RS485 only - 0.25W at 3.7V
4-20mA and Modbus RS485 - 9 to 32V DC

Comes complete with USB interface and app for calibration and setup.

Model no. selection guide

BASIC MODEL NO.:

S20-3HY-AIO – Measuring range 0 - 20% milk fat*.
*the measuring range will vary according to media and particle characteristics

BODY STYLE

3HY - Hygienic Style body with 3" Tri-clover fitting

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: xx-xx-880-PP-10-NC

Quadbeam Technologies Ltd – Contact us

Email – info@quadbeam.com

Call US – (303) 923 5273

Call international – +64 9 238 4609

Call NZ – 09 238 4609