

CHARIS FOAM SYSTEMS DATA SHEET - INDUSTRIAL SENSORS

charis
MEASUREMENT & CONTROL

SENSOR TYPES

Charis Foam Sensors are purpose designed to detect foam using our patented IMA Sensing[®] technology. A new improved design of the guard electrode ensures even better reliability and fouling immunity. When used with Charis Controllers the Foam Sensors will detect all types of foam, even with a heavy build up of material on the surface of the sensor.

FP101

Adjustable type for use with a suitable sealed fitting for process entry.
Available length to order 150 mm - 4 m.

FP102

With 1/2" BSP bush for process entry.
Available length to order 180 mm - 4 m.

FP103

With DN25 fitting for process entry.
Available length to order 180 mm - 4 m.

FP104

With welded 1" ANSI 316 SS pipe flange.
Available length to order 180 mm - 2 m.

FP105

With welded 2" ANSI 316 SS pipe flange.
Available length to order 180 mm - 2 m.

FP108/15

With 1.5" Triclover Fitting for process entry.
Available length to order 180 mm - 4 m.

FP108/20

With 2" Triclover fitting for process entry.
Available length to order 180 mm - 4 m



Registered Trade Mark

MECHANICAL AND ELECTRICAL DATA

Body Material	316 Stainless steel.
Insulator Material	Vitrex Peek 450g Engineering Thermoplastic.
Termination	Heavy duty die cast alloy industrial termination lead. IP66. 2- way Ceramic block with screw terminals.
Cable Entry	20mm ISO Conduit entry.
Cable	Unscreened twisted pair (low capacitance). eg, Belden 8795, 8201. Alpha 45281. Delta 69HUF3.
Temperature	Maximum continuous operating temperature 150° C. Peak Temperature 170° C
Pressure	10 Bars (higher pressure available to special options)

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