

AGAR CORPORATION

Process Measurement & Control



ID-200H Series

2 Wire Loop Powered Interface Detector with HART

**SYSTEMS: ID-201H (½ Inch Shaft)
ID-202H (1 ¼ Inch Shaft)
with Integrated HART Communication Capability**

Description

The *ID-200H Series Interface Detectors* are 2 wire 4-20mA loop powered probes used for interface measurement and control in all types of liquid/liquid and vapor/liquid separation processes including emulsions and foam. A wide range of models are available for the control of a variety of process installations such as Tanks, Decanters, Dehydrators, Coalescers, etc. The *ID-200 Series* advanced control capabilities can be used to automate upset responses, antifoam and demulsifier chemical feed systems and eliminate cross-contamination of separating phases.

Operating Range

Emulsion Concentration:	0-100% Hydrocarbon/ Water by Volume
Process Temperature:	Standard: 32°F to 300°F (0°C to 149°C) High-Temp: 32°F to 450°F (0°C to 232°C)
Ambient Temperature:	-40°F to 185°F (-40°C to 85°C)
Pressure Rating:	Up to 3000 PSI

Materials Of Construction

Probe:	Standard:	316 Stainless Steel, Teflon & Peek
	Optional:	Duplex, Hastalloy, Monel (Others available upon request)
Seals:	Standard:	Aflas and Teflon
	Optional:	Viton

NACE compliant

Optional Process Connection

SH-2"/SS:	2" NPT Seal Housing, 316 Stainless Steel
SH-2"/CS:	2" NPT Seal Housing, Carbon Steel
CF-3/4"/SS:	3/4" NPT Compression Fitting, 316 Stainless Steel
CF-3/4"/CS:	3/4" NPT Compression Fitting, Carbon Steel
Flanged Connections:	ANSI 150# to 1500#



ID-201H Components: Probe and Seal Housing

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