

IRA-4SS

Probe Regulator



The Welker IRA-4SS Probe Regulator is designed to regulate a gas sample stream to an analyzer without interrupting pipeline flow. With AI Control™, the probe automatically inserts and retracts using pipeline pressure.

Features

- Provides properly conditioned sample stream
- Insert and retract probe at full pipeline pressure
- Easily adjustable to multiple insertion depths
- Point of regulation occurs at the tip of the probe in the flowing stream
- Probe design inhibits creation of free liquids and mitigates the Joule-Thomson effect
- Diaphragm design for optimizing low-pressure output sensitivity

Benefits

- Proven safety with AI Control™ provides peace of mind
- Reduces line pack for analyzer applications
- Probe retraction design allows maintenance to be performed during continuous pipeline operation
- Design allows for easy installation and intuitive operation
- Transferable from location to location



SPECIFICATIONS

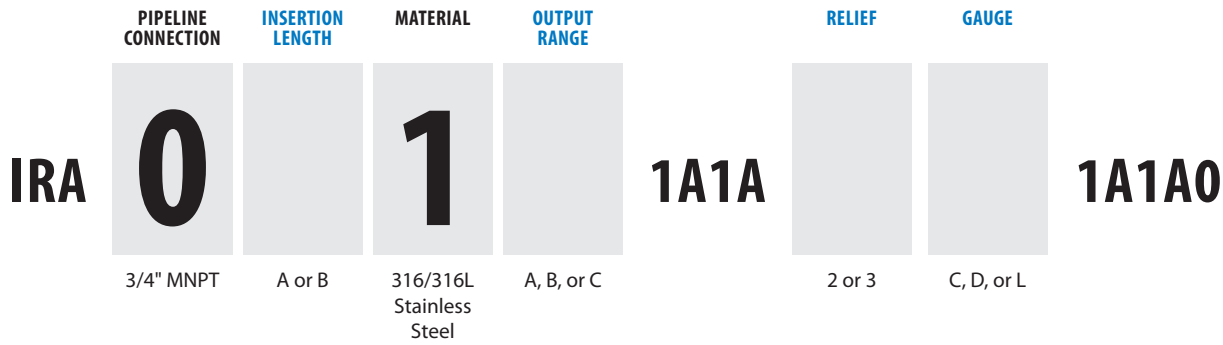
IRA-4SS PROBE REGULATOR

IRA-4SS

Materials of Construction	316/316L Stainless Steel
Seat Material	Teflon®
Seal Material	Viton®
Pipeline Connection	¾" MNPT
Outlet Connection	¼" FNPT
Output Range Options	0–25 psig
	0–50 psig
	20–100 psig
Insertion Length Options	12"
	18"
Mounting	Vertical
Operating Pressure	2160 psig MAOP @ -20 °F to 120 °F
Probe Diameter	⅝" shaft
Industry Standards	Complies with API 14.1, GPA 2166, and ISO 10715

STANDARD OPTIONS

IRA-4SS AUTOMATIC INSERTION PROBE REGULATOR



INSERTION LENGTH

A: 12"
B: 18"

OUTPUT RANGE

A: 0–25 psig
B: 0–50 psig
C: 20–100 psig

RELIEF

Determined by Output Range

2: 0–50 psig RV-1D (Output Range A or B)
3: 0–100 psig RV-1D (Output Range C)

GAUGE

Determined by Output Range

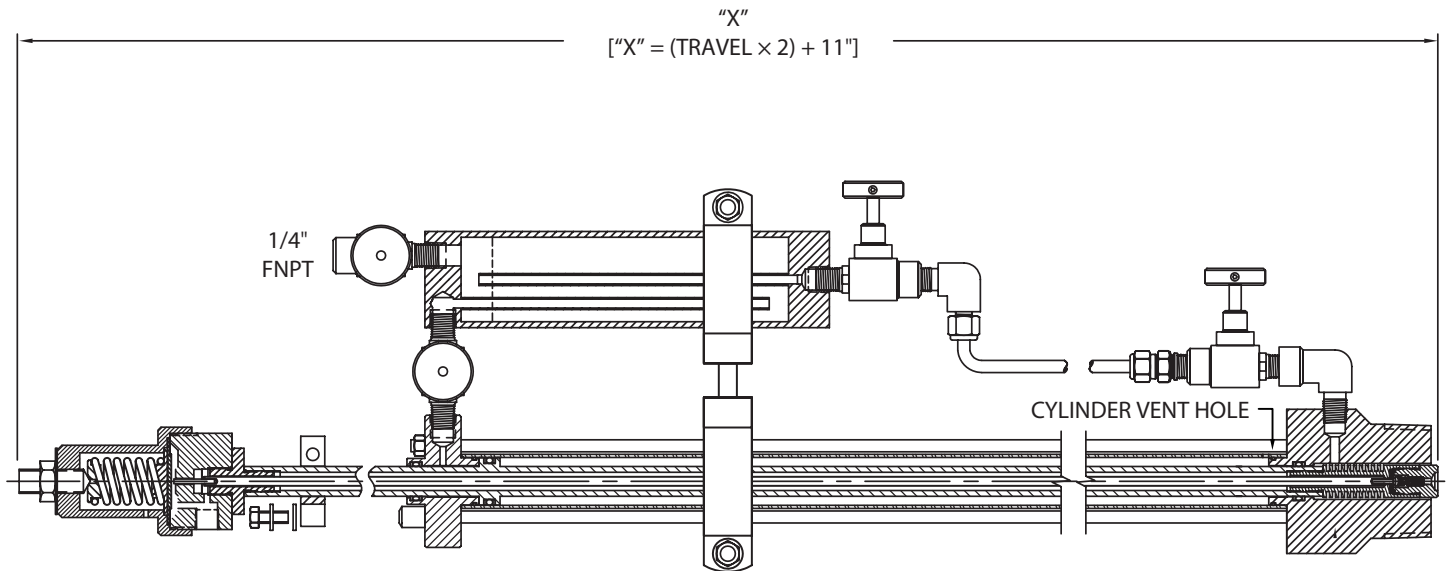
C: 0–30 psig (Output Range A)
D: 0–60 psig (Output Range B)
L: 0–100 psig (Output Range C)

For custom options, choose **Plus Welker™**.



Customer Inspired. Welker Manufactured.
Collaborate with us to create a custom product unique to your application.

DIMENSIONS



Weight: 15 lb for 12"
17 lb for 18"

Weight and/or dimensions are approximate.
Specifications subject to change without notice.



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