

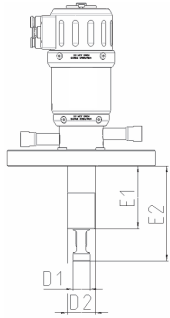
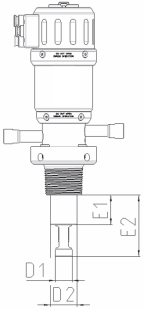
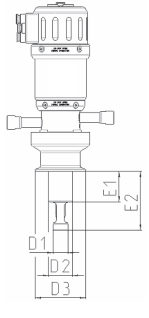
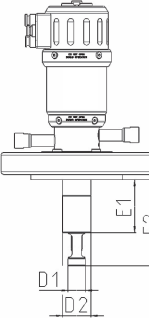
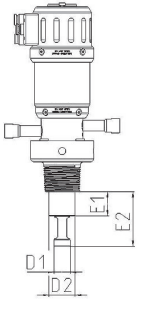
CHEMtrac Retractable Holders

Specifications

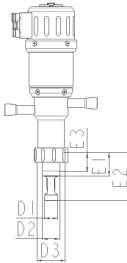
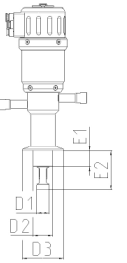


	810	811	820	821	830
Probe Length - Gel-filled - Liquid-filled	225 mm 280 mm	325 mm 380 mm	225 mm 280 mm	325 mm 380 mm	225 mm 280 mm
Probe Thread	Pg 13.5		Pg 13.5		Pg 13.5
Materials of Construction	316L SS or Hastelloy C22		PP, PEEK, or PVDF (with Hastelloy C22 cage)		316L SS, Hastelloy C22 cage (Ra<32 electropolished)
Operating Pressure Range	232 psig (14°F...248°F) 232...150 psig (248°F...284°F)		PP: 60 psig (50°F...140°F), 60... 0 psig (50°F...14°F) & (140°F...176°F) PVDF: 90 psig (32°F...194°F), 90... 0 psig (32°F...14°F) & (194°F...248°F) PEEK: 150 psig (50°F... 212°F), 150... 0 psig (50°F...14°F) & (212°F...284°F)		232 psig (14°F...248°F) 232...150 psig (248°F...284°F)
Operating Temperature Range	14°F...284°F		PP: 14°F...176°F PVDF: 14°F...248°F PEEK 14°F...284°F		14°F...284°F
Sealing Material	EPDM, Viton™, or Kalrez™		EPDM, Viton™, or Kalrez™		EPDM/FDA & Viton™
Type of Retraction	Manual or automatic retraction		Manual or automatic retraction		Manual or automatic retraction
Mounting Options	- 1¼", 1½", 2", and 3" 150 lb. ANSI Flange - 1¼" MNPT - 2" Tri-clamp	- 1½", 2", and 3" 150 lb. ANSI Flange - 2" Tri-clamp	- 2" 150 lb. ANSI Flange - 1¼" MNPT	- 2" 150 lb. ANSI Flange	- DN25 Ingold - 1½" or 2" Tri-clamp - EHEDG/3A hygienic design

Dimensions

	316L SS Flange		Hastelloy C22 Flange		316L SS 1¼" NPT	316L SS Triclamp	Plastic Flange		Plastic NPT
									
Model	810	811	810	811	810	810	820	821	820
E1	2.8 in (71 mm)	6.7 in (171 mm)	2.6 in (66 mm)	6.5 in (166 mm)	1.3 in (34 mm)	1.5 in (39 mm)	2.3 in (58 mm)	6.2 in (158 mm)	1.1 in (29 mm)
E2*	4.2 in (107 mm)	8.1 in (207 mm)	4 in (102 mm)	7.9 in (202 mm)	2.7 in (70 mm)	2.9 in (75 mm)	3.7 in (94 mm)	7.6 in (194 mm)	2.5 in (65 mm)
D1	0.7 in (19 mm)	0.7 in (19 mm)	0.7 in (19 mm)	0.7 in (19 mm)	0.7 in (19 mm)	0.7 in (19 mm)	0.7 in (19 mm)	0.7 in (19 mm)	0.7 in (19 mm)
D2	1.2 in (31 mm)	1.4 in (36 mm)	1.2 in (31 mm)	1.4 in (36 mm)	1.2 in (31 mm)	1.2 in (31 mm)	1.2 in (31 mm)	1.4 in (36 mm)	1.2 in (30.5 mm)
D3	-	-	-	-	-	(64 mm)	-	-	-

* E2 denotes total insertion length below process connection.

	316L SS Ingotl DN 25	316L SS Triclamp	
			
Model	830	830	830
O-Ring Position	1.1"	1.5"	2"
E1	1.3 in (34 mm)	0.8 in (22 mm)	1 in (25 mm)
E2	2.7 in (70 mm)	2.3 in (58 mm)	2.4 in (61 mm)
E3	1.1 in (28 mm)	-	-
D1	0.7 in (19 mm)	0.7 in (19 mm)	0.7 in (19 mm)
D2	1 in (25 mm)	1.2 in (30 mm)	1.2 in (30 mm)
D3	G1¼"	2 in (50.5 mm)	2.5 in (64 mm)