

PPS SOLID FRONT PROCESS GAUGE

Description & Features:

- Designed for applications that require a durable solid-front, blow-out back safety case gauge that is field fillable (glycerin).
- Ethylene Propylene Copolymer case with 316L stainless steel tube & socket.
- Comes standard ready to be filled with glycerin in the field if required – no additional kit is required.
- 7-year warranty*
**Refer to Merit Instruments warranty page for full warranty details.*



Specifications:

- Dial: 4.5" (115mm).
- Case: Ethylene Propylene Copolymer.
- Lens: PC standard, laminated safety glass available upon request.
- Ring: Polypropylene.
- Socket: 316L stainless steel.
- Bourdon Tube: 316L stainless steel.
- Movement: Stainless steel.
- Connection: ¼" NPT or ½" NPT.
- Dial: Aluminum, painted white with black and red markings for dual scale ranges, and black markings for single scale ranges.
- Pointer: Aluminum, micrometer adjustable, painted black.
- Working Pressure: Maximum 75% of full scale value.
- Accuracy: +/-0.5% of full scale. ASME B40.1 Grade 2A.
- IP Rating: IP65

Applications:

- Suitable for applications with process media that is not corrosive to 316L stainless steel
- Typical applications include: Oil refineries, Petrochemical facilities and processing where a 0.5% accuracy solid-front, blow-out back connection safety case for operator safety is required.

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4.5" Ethylene Propylene Copolymer, SS internals 1/4" NPT bottom connection Dry but Glycerine fillable P = Pressure Gauge P = Turret case S = 316 Stainless Steel 2 = 1/4" NPT 100 Codes - psi only 200 Codes - psi/Bar 300 Codes - psi/kPa	PSI Range	Code	PSI/Bar	Code	PSI/kPa	Code
	Vacuum	PPS2100	Vacuum/Bar	PPS2200	Vacuum/psi	PPS2300
	0-15	PPS2101	0-15 psi/Bar	PPS2201	0-15 psi/kPa	PPS2301
	0-30	PPS2102	0-30 psi/Bar	PPS2202	0-30 psi/kPa	PPS2302
	0-60	PPS2103	0-60 psi/Bar	PPS2203	0-60 psi/kPa	PPS2303
	0-100	PPS2104	0-100 psi/Bar	PPS2204	0-100 psi/kPa	PPS2304
	0-160	PPS2105	0-160 psi/Bar	PPS2205	0-160 psi/kPa	PPS2305
	0-200	PPS2106	0-200 psi/Bar	PPS2206	0-200 psi/kPa	PPS2306
	0-300	PPS2107	0-300 psi/Bar	PPS2207	0-300 psi/kPa	PPS2307
	0-600	PPS2108	0-600 psi/Bar	PPS2208	0-600 psi/kPa	PPS2308
	0-1000	PPS2109	0-1000 psi/Bar	PPS2209	0-1000 psi/kPa	PPS2309
	0-1500	PPS2110	0-1500 psi/Bar	PPS2210	0-1500 psi/kPa	PPS2310
	0-2000	PPS2111	0-2000 psi/Bar	PPS2211	0-2000 psi/kPa	PPS2311
0-3000	PPS2112	0-3000 psi/Bar	PPS2212	0-3000 psi/kPa	PPS2312	
0-5000	PPS2113t	0-5000 psi/Bar	PPS2213	0-5000 psi/kPa	PPS2313	

4.5" Ethylene Propylene Copolymer, SS internals 1/2" NPT bottom connection Dry but Glycerine fillable P = Pressure Gauge P = Turret case S = 316 Stainless Steel 3 = 1/2" NPT 100 Codes - psi only 200 Codes - psi/Bar 300 Codes - psi/kPa	PSI Range	Code	PSI/Bar	Code	PSI/kPa	Code
	Vacuum	PPS3100	Vacuum/Bar	PPS3200	Vacuum/psi	PPS3300
	0-15	PPS3101	0-15 psi/Bar	PPS3201	0-15 psi/kPa	PPS3301
	0-30	PPS3102	0-30 psi/Bar	PPS3202	0-30 psi/kPa	PPS3302
	0-60	PPS3103	0-60 psi/Bar	PPS3203	0-60 psi/kPa	PPS3303
	0-100	PPS3104	0-100 psi/Bar	PPS3204	0-100 psi/kPa	PPS3304
	0-160	PPS3105	0-160 psi/Bar	PPS3205	0-160 psi/kPa	PPS3305
	0-200	PPS3106	0-200 psi/Bar	PPS3206	0-200 psi/kPa	PPS3306
	0-300	PPS3107	0-300 psi/Bar	PPS3207	0-300 psi/kPa	PPS3307
	0-600	PPS3108	0-600 psi/Bar	PPS3208	0-600 psi/kPa	PPS3308
	0-1000	PPS3109	0-1000 psi/Bar	PPS3209	0-1000 psi/kPa	PPS3309
	0-1500	PPS3110	0-1500 psi/Bar	PPS3210	0-1500 psi/kPa	PPS3310
	0-2000	PPS3111	0-2000 psi/Bar	PPS3211	0-2000 psi/kPa	PPS3311
	0-3000	PPS3112	0-3000 psi/Bar	PPS3212	0-3000 psi/kPa	PPS3312
	0-5000	PPS3113	0-5000 psi/Bar	PPS3213	0-5000 psi/kPa	PPS3313
0-10000	PPS3114	0-10000 psi/Bar	PPS3214	0-10000 psi/kPa	PPS3314	
0-15000	PPS3115	0-15000 psi/Bar	PPS3215	0-15000 psi/kPa	PPS3315	