

PPX SHOCK-X SOLID FRONT PROCESS GAUGE

Description & Features:

- Designed for applications that require a durable solid-front, blow-out back safety case gauge with a vibration-free movement and non-fillable case.
- Phenolic safety case with 316L stainless steel tube & socket.
- Vibration-free Shock-X™ movement – no liquid filling required.
- Standard laminated safety glass lens.

**Refer to Merit Instruments warranty page for full warranty details.*

Specifications:

- Dial: 4.5" (115mm).
- Case: Phenolic solid front, blow-out back safety case.
- Lens: Laminated safety glass is standard.
- Ring: Polypropylene.
- Socket: 316L stainless steel.
- Bourdon Tube: 316L stainless steel.
- Movement: Stainless steel Shock-X, vibration-free.
- Connection: 1/4" NPT or 1/2" 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
- Made to ASME B40.100 standards



Applications:

- Suitable for applications with process media that is not corrosive to 316L stainless steel
- Suitable for applications that require a non-liquid filled safety case but require a vibration-free movement.
- 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" Phenolic, SS internals 1/4" NPT bottom connection 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 Ranges	Code	PSI/KPA Ranges	Code
	Vacuum	PPX2100	Vacuum/Bar	PPX2200	Vacuum/psi	PPX2300
	0-15	PPX2101	0-15 psi/Bar	PPX2201	0-15 psi/kPa	PPX2301
	0-30	PPX2102	0-30 psi/Bar	PPX2202	0-30 psi/kPa	PPX2302
	0-60	PPX2103	0-60 psi/Bar	PPX2203	0-60 psi/kPa	PPX2303
	0-100	PPX2104	0-100 psi/Bar	PPX2204	0-100 psi/kPa	PPX2304
	0-160	PPX2105	0-160 psi/Bar	PPX2205	0-160 psi/kPa	PPX2305
	0-200	PPX2106	0-200 psi/Bar	PPX2206	0-200 psi/kPa	PPX2306
	0-300	PPX2107	0-300 psi/Bar	PPX2207	0-300 psi/kPa	PPX2307
	0-600	PPX2108	0-600 psi/Bar	PPX2208	0-600 psi/kPa	PPX2308
	0-1000	PPX2109	0-1000 psi/Bar	PPX2209	0-1000 psi/kPa	PPX2309
	0-1500	PPX2110	0-1500 psi/Bar	PPX2210	0-1500 psi/kPa	PPX2310
	0-2000	PPX2111	0-2000 psi/Bar	PPX2211	0-2000 psi/kPa	PPX2311
	0-3000	PPX2112	0-3000 psi/Bar	PPX2212	0-3000 psi/kPa	PPX2312
	0-5000	PPX2113	0-5000 psi/Bar	PPX2213	0-5000 psi/kPa	PPX2313

4.5" Phenolic, SS internals 1/2" NPT bottom connection 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 Ranges	Code	PSI/KPA Ranges	Code
	Vacuum	PPX3100	Vacuum/Bar	PPX3200	Vacuum/psi	PPX3300
	0-15	PPX3101	0-15 psi/Bar	PPX3201	0-15 psi/kPa	PPX3301
	0-30	PPX3102	0-30 psi/Bar	PPX3202	0-30 psi/kPa	PPX3302
	0-60	PPX3103	0-60 psi/Bar	PPX3203	0-60 psi/kPa	PPX3303
	0-100	PPX3104	0-100 psi/Bar	PPX3204	0-100 psi/kPa	PPX3304
	0-160	PPX3105	0-160 psi/Bar	PPX3205	0-160 psi/kPa	PPX3305
	0-200	PPX3106	0-200 psi/Bar	PPX3206	0-200 psi/kPa	PPX3306
	0-300	PPX3107	0-300 psi/Bar	PPX3207	0-300 psi/kPa	PPX3307
	0-600	PPX3108	0-600 psi/Bar	PPX3208	0-600 psi/kPa	PPX3308
	0-1000	PPX3109	0-1000 psi/Bar	PPX3209	0-1000 psi/kPa	PPX3309
	0-1500	PPX3110	0-1500 psi/Bar	PPX3210	0-1500 psi/kPa	PPX3310
	0-2000	PPX3111	0-2000 psi/Bar	PPX3211	0-2000 psi/kPa	PPX3311
	0-3000	PPX3112	0-3000 psi/Bar	PPX3212	0-3000 psi/kPa	PPX3312
	0-5000	PPX3113	0-5000 psi/Bar	PPX3213	0-5000 psi/kPa	PPX3313
	0-10000	PPX3114	0-10000 psi/Bar	PPX3214	0-10000 psi/kPa	PPX3314
	0-15000	PPX3115	0-15000 psi/Bar	PPX3215	0-15000 psi/kPa	PPX3315