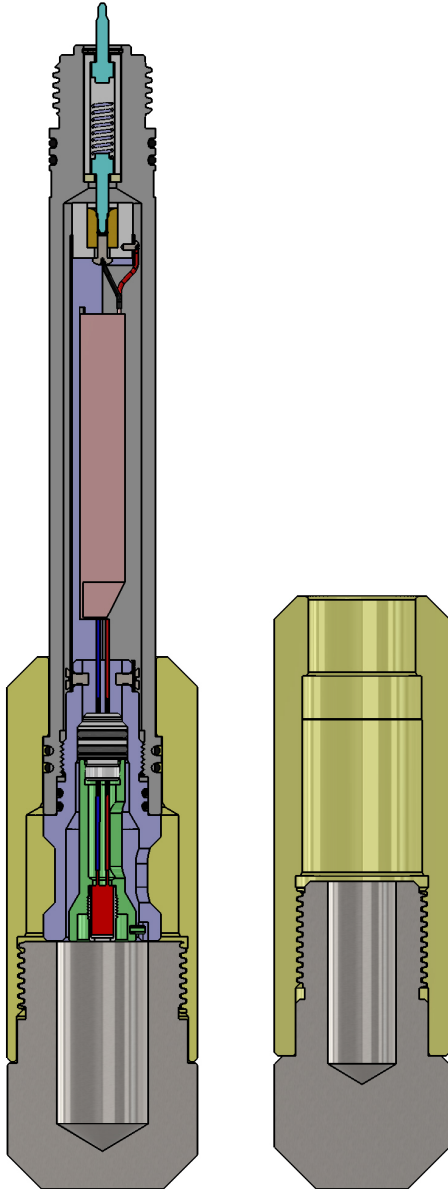


INTRODUCTION

The ADP-PX28-102, Safe Fire PX-1 Initiation System utilize Exploding Bridgewire Technology to increase safety during firing operations.

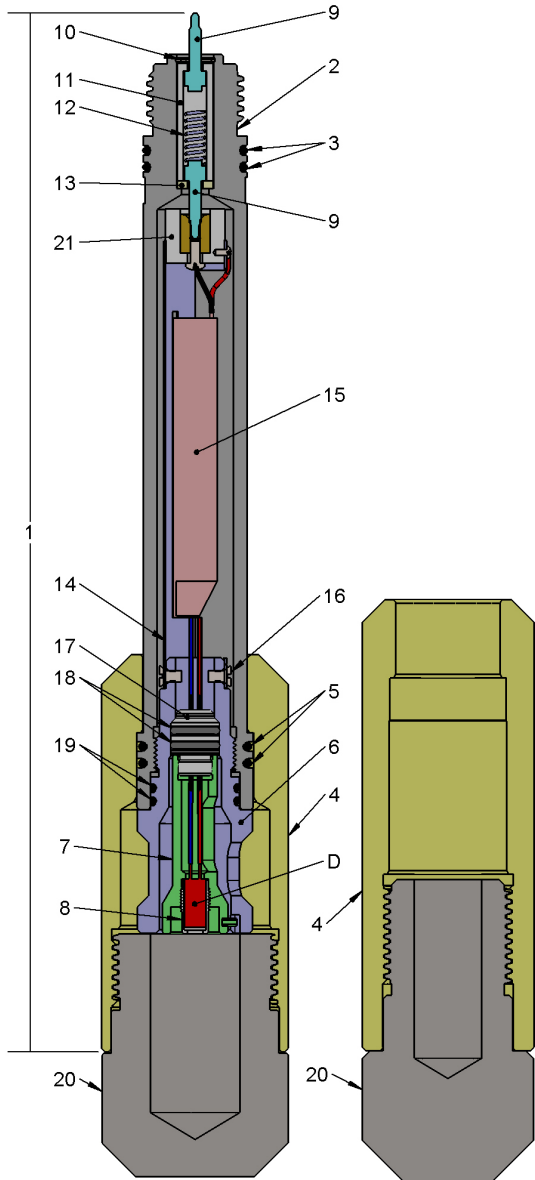
Incorporation of the EBW into the Firing Systems adds increased safety against rig-site hazards such as RF transmitters, cathodic protection, and stray voltages. The PX-1 fireset allows normal oilfield operation to continue while perforating and other completion services are being performed.

All safety rules and regulations should be strictly followed when storing, handling, assembling, and using these tools and/or detonators. Safety precautions should be taken in accordance with your company’s safety policies, governmental regulations, and the American Petroleum Institute Recommended Practice 67 (API RP-67).



SPECIFICATIONS

| | | |
|---------------------------|----------------------------------------------------------|--------------------|
| PRESSURE RATING | 30,000 psi | 206.8 Mpa |
| TENSILE STRENGTH | 105,000 lbf | 46,706 daN |
| THREAD CONNECTION, TOP | 1.625-6 ACME | |
| THREAD CONNECTION, BOTTOM | 2.125-6 ACME (2.88 SLEEVE) 2.750-6 ACME (3.13 SLEEVE) | |
| SLEEVE DIAMETER | 2.88 in 3.13 in | 43.1 mm 79.5 mm |
| TEMPERATURE RATING | 450 DEG F | 232 DEG C |
| LENGTH | 18.0 in | 45.7 cm |



| ITEM | PART NO. | DESCRIPTION |
|------|---------------------------------------------|---------------------------------------------------------------------|
| 1 | ADP-PX28-102 | Assembly, TAG/HSC/SETTING TOOL, PX-1 Firing System |
| 2 | ADP-2875-600 | Body, 1-5/8 - 6 Acme Thread |
| 3 | OOO-V569-222 | O-Ring, 2 Required |
| 4 | ADP-2875-221 ADP-3130-221 | Sleeve, 2.88 Dia. Sleeve, 3.13 Dia. |
| 5 | OOO-V569-223 | O-Ring, 2 Required |
| 6 | ADP-2875-220 | Firing Sub |
| 7 | ADP-PX16-116P | Detonator Retainer |
| 8 | ADP-PX28-SQ80 | Detonator Holder |
| 9 | AES-1-0033 | Contact Pin, 2 Required |
| 10 | PUR-5000-062 | Retaining Ring |
| 11 | ADP-1437-076 | Insulator |
| 12 | SPG-0362-042 | Spring - 1.63" Long |
| 13 | ADP-1437-077 | Insulator Washer |
| 14 | SEV-1375-250 | PX-1 Carriage |
| 15 | PUR-0610-008 | PX-1 Fireset with Wire Outputs |
| 16 | PF-031-019F-038 PUR-0611-001 | Flat Head Screw, 2 Required Connector, Spade, .25", 1 Required |
| 17 | ADP-PX16-120 | Detonator Seal Nut |
| 18 | OOO-V569-114 | O-Ring, 2 Required |
| 19 | OOO-V569-125 | O-Ring, 2 Required |
| 20 | ADP-2875-078 ADP-3125-078 | 2.88 Safety Plug 3.13 Safety Plug |
| 21 | ADP-PX16-107 | Contact Assembly |
| D | EBW-RISI-800 2-300180-3 EBW-RISI-SQ80 | EBW - RDX Detonator EBW - CP Detonator EBW - Ignitor |
| | ADP-PX28-112 | Redress Kit, includes items: 3, 5, 7, 8, 14, 15, 16, 17, 18, and 19 |

REF MANUAL: MAN-PX1-009