

INTELLEX™ LOW POWER ELECTRONIC TRIGGER - 1 3/8 & 1 11/16 IN. - JRC RED® / OWEN GREEN DET™



SKU: SEN-0010-0327 and SEN-0010-0312
Categories: [Cased Hole Wireline](#), [Firing Heads - Triggers](#), [Intellex™](#), [Perforating](#), [PTX](#), [Well Intervention](#)

PRODUCT DESCRIPTION

Intellex™ Low Power Electronic Triggers are battery powered low power electronic firing heads used to initiate the detonation of ballistic devices with the highest degree of safety and control. These triggers are available with JRC RED® (Rig Environment Detonator) or Owen Green Det™ Electronic Detonators.

Ratings & Dimensions

| Tool type | 1.375 OD Firing Head | 1.69 OD Firing Head |
|------------------|---|-------------------------|
| Part Number | SEN-0010-0327 | SEN-0010-0312 |
| Max temperature | 347°F (175°C) | |
| Max pressure | 15,000 psi (103.4 mPa) | |
| Outer diameter | 1.375 in (34.9 mm) | 1.690 in (43.0 mm) |
| Length | 46.0 in (1.17 m) | |
| Weight | 22.0 lbs (9.9 kg) | |
| Max Tensile Load | 20,000 lbs (9,000 kgs) | 30,000 lbs (13,600 kgs) |
| Materials | Corrosion resistant materials used throughout | |

Hardware Characteristics

| | |
|-------------------|---|
| Housing | 17-4PH (standard) or NACE MR-01-75 Compatible |
| Connection | Top: 15/16 in x 10 UN (5/8 in Sucker Rod) Bottom: 1 3/16 in x 12 UNF GO Pin |
| Supported Devices | RF-Safe RED® (Rig Environment Detonator) detonator Owen Green Det™ Electronic Detonators |

Temperature Measurements

| | |
|-------------------|----------------------------------|
| Range | 0 - 165°C (32- 329°F) |
| Accuracy | < $\pm 0.5^{\circ}\text{C}$ |
| Resolution | < 0.01°C @ 1 sps |

Pressure Characteristics

| | |
|-------------------|-------------------------------|
| Range | 0 - 15000psi (0 - 103.42MPa) |
| Accuracy | < $\pm 0.05\%$ FS |
| Resolution | 0.01 psi @ 10,000 psi & 1 sps |

Acceleration

| | |
|-------------------|-------------|
| Accuracy | ± 0.1 g |
| Resolution | < 0.01 g |

Electrical Specification

| | Module A | Module C & D |
|---------------------|---|----------------------------|
| Battery | 2 x PMX165 'C' Lithium battery | |
| Voltage (DC) | 5-9Vdc, power supplied via USB or 2 x 'C' cell Lithium battery pack. | |
| Memory Rate | 145.5 hrs/6.06 days @ 1 sps | 18.2 hrs/0.75 days @ 1 sps |
| | Modules C & D can be sampled at slower speeds allowing up to 30 days logging. EFH will continue to function even if the memory is full. | |
| Consumption | 10mA Max Logging, 2A Max Firing Current | |
| Shock | > 500 g | |
| Shooting CCL | 500 μA (Idle); 8 sps, stored 1 sps to memory | |

Version Control: 2022.02.15

On-line specifications are for REFERENCE ONLY and subject to change without notice. DO NOT USE FOR FIELD OPERATIONS.