

# INTELLEX™ EBW LOW POWER ELECTRONIC TRIGGER - 1 3/8 & 1 11/16 IN.



**SKU:** SEN-0010-0316 and SEN-0010-0307

**Categories:** [Cased Hole Wireline](#), [Firing Heads - Triggers](#), [Intellex™](#), [Perforating](#), [PTX](#), [Well Intervention](#)

## PRODUCT DESCRIPTION

Intellex™ EBW 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.

### Ratings & Dimensions

Tool type	1.375 OD Firing Head	1.69 OD Firing Head
<b>Part Number</b>	SEN-0010-0316	SEN-0010-0307
<b>Max temperature</b>	347°F (175°C)	
<b>Max pressure</b>	15,000 psi (103.4 mPa)	
<b>Outer diameter</b>	1.375 in (34.9 mm)	1.690 in (43.0 mm)
<b>Length</b>	46.0 in (1.17 m)	
<b>Weight</b>	22.0 lbs (9.9 kg)	
<b>Max Tensile Load</b>	20,000 lbs (9,000 kgs)	30,000 lbs (13,600 kgs)
<b>Materials</b>	Corrosion resistant materials used throughout	

### Hardware Characteristics

<b>Housing Connection</b>	17-4PH (standard) or NACE MR-01-75 Compatible Top: 15/16 in x 10 UN (5/8 in Sucker Rod) Bottom: 1 3/16 in x 12 UNF GO Pin
<b>Supported Devices</b>	EBW Detonators and Igniters using Ecosse EBW Firesets Resistorized detonators using EBW & CDM module

### Temperature Measurements

<b>Range</b>	0 - 165°C ( 32- 329°F)
--------------	------------------------

**Accuracy** <  $\pm 0.5^{\circ}\text{C}$   
**Resolution** <  $0.01^{\circ}\text{C}$  @ 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**  $\pm 0.1$  g  
**Resolution** < 0.01 g

## Electrical Specification

	<b>Module A</b>	<b>Module C &amp; D</b>
<b>Battery</b>	2 x PMX165 'C' Lithium battery	
<b>Voltage (DC)</b>	5-9Vdc, power supplied via USB or 2 x 'C' cell Lithium battery pack.	
<b>Memory Rate</b>	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.	
<b>Consumption</b>	10mA Max Logging, 2A Max Firing Current	
<b>Shock</b>	> 500 g	
<b>Shooting CCL</b>	500 $\mu\text{A}$ (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.***