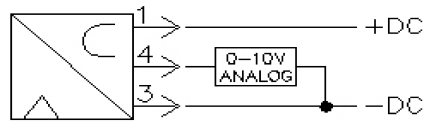
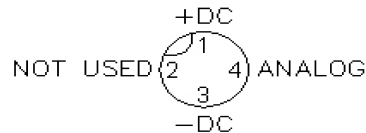


## Electrical

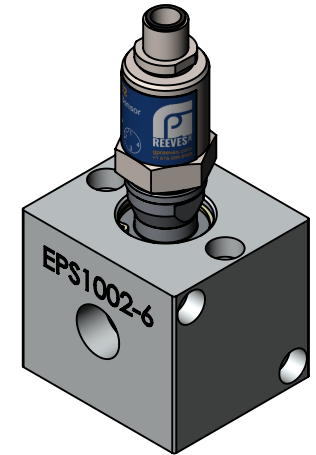
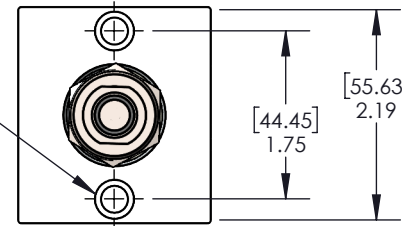
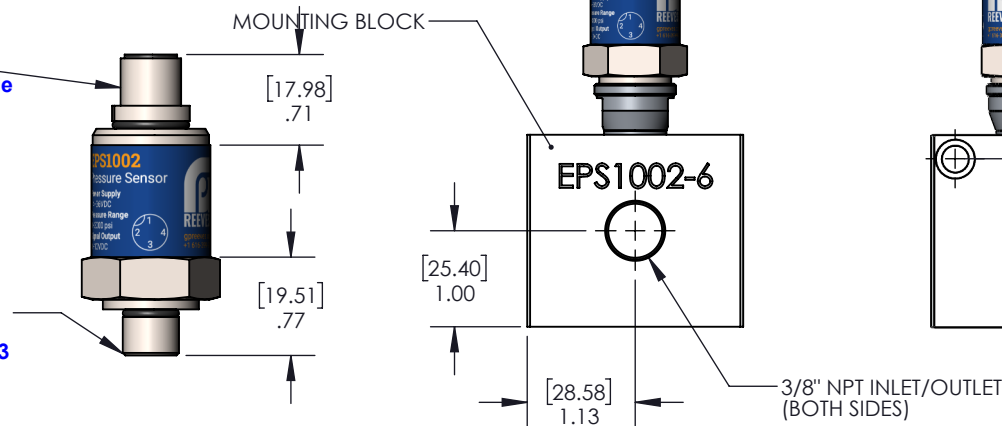


View of male pin connector



**CABLE OPTIONS**  
Both are DC Micro style (four-pin type) with 5 meter long PVC cord  
#1850 cord has a straight connector  
#1851 cord has a 90 degree connector

#4 SAE pressure inlet (to use with 1/8 NPT female port, use #3993 adaptor)



3D Model Available

## EPS1002 ELECTRONIC PRESSURE SENSOR SPECIFICATIONS

**Pressure Range** 0 – 3,000 p.s.i.

**Power Supply** 14 – 36v DC

**Over Pressure Safety** 6,000 p.s.i.

**Maximum Load**  $R_A R_A > 5 \text{ kOhm}$

**Burst Pressure** 7,977 p.s.i.

**Accuracy (% of span)** < 0.4 (BFSL)

**Wetted Parts Material** Stainless Steel

**Material Temperature** -40 – +257° F.

**Ambient Temperature** -40 – +212° F.

**Signal Output** 0 – 10 V, 3-wire

**Response Time (10 ... 90%)** < 2 ms

**Connector** M12 x 1, 4-pin (Micro style)

**Weight** Approx. 70g

### EPS1002-6:

Electronic Pressure Sensor -(0-3000 p.s.i.), SAE 04 Male Pressure Fitting, Includes mounting block with 3/8" NPT inlet and outlet port, 0 to 10 Volt Output, 4 Pin Micro connector. Includes a sample program for use with A-B Micrologix PLC. This sensor requires an analog input to the user's PLC.

## Sales Drawing

**REFERENCE DOCUMENTATION:**  
-KA6178 PCL Program

<p>Note: All Hole Depth Dimensions Are To The Full Diameter Unless Otherwise Specified.</p>	UNLESS OTHERWISE SPECIFIED:		<b>G. P. REEVES INC.</b> 12764 GREENLY ST. HOLLAND, MI 49424	
	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/16 ONE PLACE DECIMAL: ±1/32 TWO PLACE DECIMAL: ±0.010 THREE PLACE DECIMAL: ±0.003		DESCRIPTION: Electronic Pressure Sensor	
NOTE: ALL SURFACES TO BE MACHINED	MATERIAL:		SIZE DWG. NO. REV <b>A</b> EPS1002-6	SHEET 2 OF 3
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF G. P. REEVES INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF G. P. REEVES INC. IS PROHIBITED.	FINISH <input checked="" type="checkbox"/> ALL MACHINED SURFACES UNLESS OTHERWISE SPECIFIED	NAME DATE MODELED JMH 9/02/16 DETAILED JMH 9/02/16		