DynAmp, LLC 3735 GANTZ ROAD GROVE CITY, OH 43123 USA TEL +1 614.871.6900 / FAX +1 614.871.6910 www.dynamp.com	SHUNT ISOLATOR WORKSHEET MODEL SI-4184	BEN061
		REVISION J

Worksheet Revision No.:		Serial No.:	

Customer: _____   Completed by/Date: _____

Project: _____   Reviewed by/Date: _____

SOR No.: _____   Quote No.: _____   Isolator Item No.: _____

Fill in all information below.   USE one worksheet per isolator scaling.

Mounted inside metering unit (See Note 1, 2, & 3) ☐   Ship Loose ☐

Fill in isolator signal input/output (Notes 2 - 7):

Signal Check One	Input (Note 2)			Units (Check one)	Output (Unidirectional)		Units (Check one)
	Lo	Hi	kA		Lo	Hi	
Voltage (V) ☐				☐mV ☐Vdc	_____	_____	☐mV ☐Vdc
Current (I) ☐	___	___	___	☐ mA dc	_____	_____	☐ mA dc

CHECK ONE:

Standard Isolator- Item # 047765 (see note 8)   ☐

SI-2284 Replacement Kit – Item # 047761   ☐

Buffered Voltage output option (see note 7)   ☐

Notes:

1. For LKP models 45 to 500 (including OEM), the isolator is available as an option that can be mounted inside the enclosures. For units smaller than the LKP-45 (LKP-6 to LKP-30, including OEM models) the isolators are provided externally as an accessory.

2. All input voltages correspond to the full-scale output of the meter unit (in mV). For example, for LKP-45, the isolator input would be 0-450mV.

3. A voltage output is automatically included whenever a current output is required for units mounted inside LKP systems.

4. When 4-20mA output is used, a corresponding 20% offset will be added to the voltage output. Example: 4-20mA & 0.2 -1V out (instead of 0-1V). In other words, a single isolator cannot have 4-20 mA output at the same time as 0-1V (or 0-10V) output.

5. Maximum input range is ±100mAdc or ±300Vdc. Step response 25mS. Maximum programmable output is 20mA and 10Vdc. Minimum voltage output span is 200mV. Minimum output current span is 4mA.

6. If scaling is not specified, a standard input scaling of 1V and output of 0-10V will be used.

7. Buffered voltage output recommended if load impedance is less than 1 meg.ohm. Voltage output only with this option - no current. Max programmable voltage is 20V, Min load impedance is 2kΩ.

8. Kit consists of SI-4184 Isolator and connectors to replace obsolete SI-2284.

➤ All comments, corrections and changes must be initialed and dated.

COMMENTS: _____

Instructions (For DynAmp use only):

1. Once the isolator model number is selected and sales order approved, the completed worksheet is kept in the SOR folder. Customer Logistics Coordinator will provide a copy of the worksheet to purchasing when custom order. A copy is routed with the manufacturing work order. SOR Number will be identified on a label on product.

2. Tag each isolator with an SOR number for proper inventory identification and work order tracking. For multiple units on the same SOR, indicate the SOR line number to be added to the special tagging. Example: SOR 0004116-2.

3. The following information is required for isolator purchase order processing.