

# XAMP Preamplifier

The XAMP preamplifier is approved for use with all wetted T5, and T17 transducers, to be used in conjunction with the XGF868i or the GF868. A complete potted assembly, the XAMP is a great improvement in overall system reliability, simplicity and cost as compared to previous preamplifiers.

The XAMP is mounted directly on the end of the transducer. All cable connections are made in the junction box. There is no need for an external junction box and cable.

The XAMP package must be ordered as a separate line item, similar to the PRE868. The T5 or T17 transducer should be ordered without any junction box enclosure. Specify option G=00 for either T5 or T17 (see below). All XAMP enclosure options, as configured today, accept a  $\frac{3}{4}$ " NPT cable gland as standard. CSA certification is in process and in place by the end of May 2013. This will not affect ordering but may affect lead-time.



Oracle Part #	Description
T17-G-00	None - If PREAMP is desired see the XAMP
T5-G-00	None (use with junction box mounted preamplifier)

The XAMP enclosure certifications are only valid when configured with T5 or T17. Do not pair with any other transducer, as certifications will not be valid.

### Configuration Table for XAMP

Option Category	Option Code	Description
A - Model	XAMP	Preamplifier for gas flowmeters, mountable in transducer junction box
B - Transformer	1	with transformer (for Standard and Extended Range operation)
C - Package	2	Type 7 explosion proof enclosure certified per CSA/C-US for Div 1, Class 1, Group C & D hazardous locations
C - Package	3	Stainless Steel explosion proof enclosure certified for CSA/C-US Div. 1, Class 1, Group B, C & D hazardous locations and ATEX II 2 G (KEMA 01ATEX2045 X) Ex d IIC T4 T3 or T2 Gb hazardous locations and IECEx (IECEX KEM09.0009X) Ex d IIC T4 T3 or T2 Gb hazardous locations
C - Package	4	Flameproof enclosure per ATEX II 2 G (KEMA 01ATEX2045 X) for Ex d IC T4 T3 or T2 Gb hazardous locations
D - Gain	2	Gain of 20 (Standard for 100kHz)
E - Miscellaneous	0	None

