



PRESSURE TRANSMITTER
 EEx Ia IIC T5 / Ex Ia IIC T5(Ta=85°C)
 Ui=28V
 Ii=100mA
 Ci=27.2nF
 Li=0
 Pi=0.7W

1. INSTALLATION MUST BE IN ACCORDANCE WITH THE CODES AND PRACTICES OF THE COUNTRY IN USE
2. ASSOCIATED APPARATUS USED FOR THE EXC+/EXC- CIRCUIT MUST HAVE A LINEAR OUTPUT AND BE CERTIFIED WITH THE BARRIER PARAMETERS THAT MEET THE FOLLOWING CONDITIONS:

$U_o \leq U_i$
 $I_o \leq I_i$
 $C_o \leq C_i + C_{cable}$
 $L_o \leq L_i + L_{cable}$

3. SHUNT SWITCH WIRING IS INTRINSICALLY SAFE AND IS FOR CONNECTION TO A VOLTAGE FREE CONTACT, OR CERTIFIED RELAY CONTACT BARRIER WITH A VOLTAGE FREE CONTACT.

THIS IS A CONTROLLED DRAWING AND MAY NOT BE CHANGED WITHOUT ENGINEERING AUTHORIZATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	REVISIONS				GP:50 Aerospace Div. 2770 LONG ROAD CAGE CODE: ON8Y7 GRAND ISLAND, NY 14072 TEL. NO. (716)773-9300 FAX NO. (716)773-5019	
	LET	DATE	BY	ECN	SCALE DRAWN: NA SCALE: NA	MATERIAL NA
FRACTIONS ± 1/64 DECIMALS: TOLERANCES: .XX ± .01 .XXX ± .005 ANGLES ± 1/2					DRAWN BY: DATE DW 03/12/07	
63√ MACHINE FINISH (ALL SURFACES) REMOVE BURRS & BREAK SHARP EDGES .015 MAX. MACHINE FILLETS TO .015 R MAX. ALL DIAMETERS TO BE CONCENTRIC WITHIN .010 T.I.R. CHAMFER ALL MALE THREADS 45°±5' TO MINOR DIAMETER C'SINK ALL FEMALE THREADS 90°±10' TO MAJOR DIAMETER					DESIGNER REVIEW DATE REVIEW DATE APPROVED DATE DW /s/ 7/5/07	
					TITLE: ATEX/IEC INTRINSIC SAFETY MODELS 370 AI/GI	DRAWING NO. REV. 8C1-55.00-2