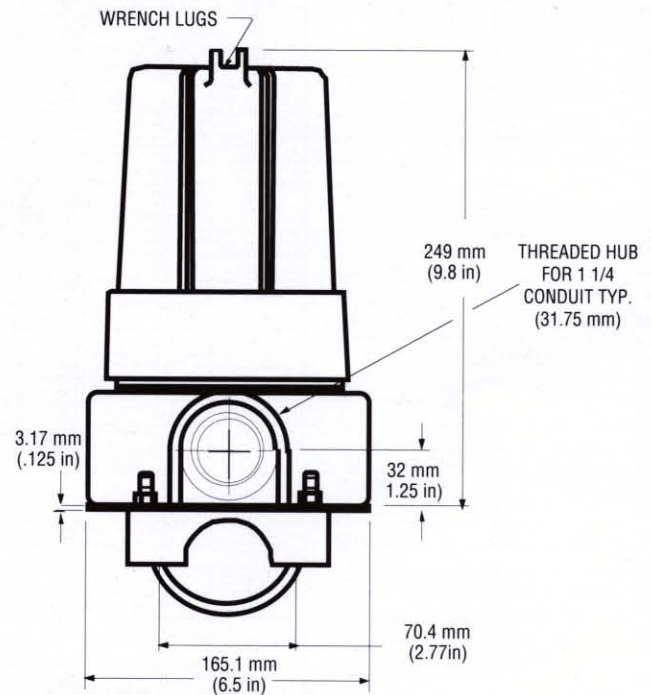
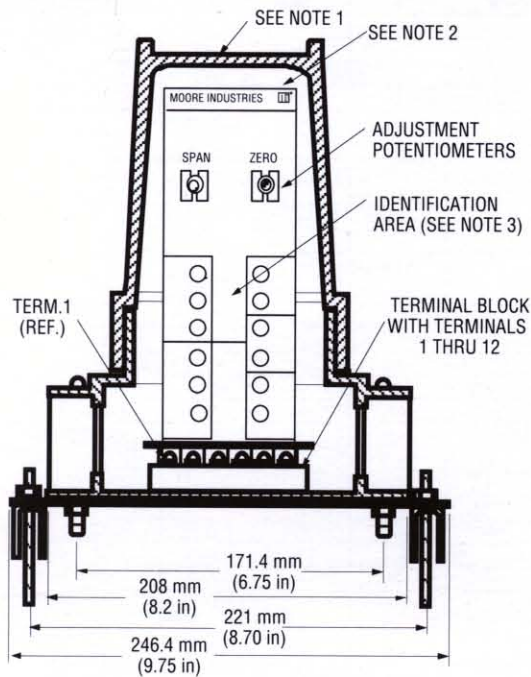


February 1994

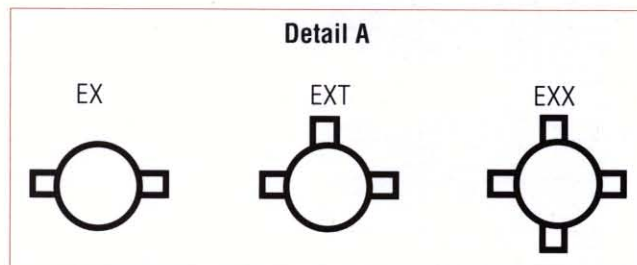
Data Sheet 13.10



NOTES

- Top of cover has metal label carrying unit type (e.g., TCT, MVT) and equipment number if any.
- Identification area on top of transmitter case carries complete model number and serial number.
- Identification area on front of transmitter case gives electrical connection information.
- Standard EX housing (two conduit hubs) is shown above. Similar housings with three and four hubs are illustrated in Detail A below. Housings are cast aluminum alloy and meet NEMA specifications for Division 1, Class I, Groups C and D and Class II, Groups E, F and G, Class III.
- The transmitter enclosed is attached physically and electrically to the terminal block by means of a circular interconnect card with plug-in pins. To expose terminal block for wiring, "rock" transmitter slightly while pulling upward, and remove. It is keyed to eliminate error when reinstalling.
- Certification: Canadian Standards Association.

Detail A



EX

Explosion-proof Enclosure For 4-Wire Transmitters

Table 1. Terminal Position Identification

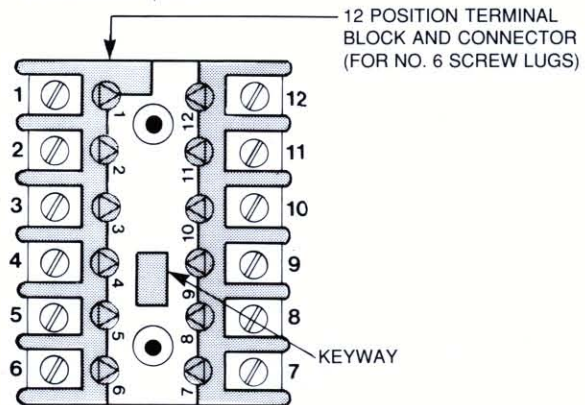
Unit	1	2	3	4	5	6	7	8	9	10	11	12
ACT				DCC	DC	GND			CT/PT	CT/PT	+OUT	-OUT
ADB				DCC	DC	GND	+A	-A	+B	-B	+OUT	-OUT
ADM	+S1	+S2	-S	DCC	DC	GND	+S3	+S4	-S		+OUT	-OUT
ALM				DCC	DC	GND	CAL1	CAL2	+IN	-IN	+OUT	-OUT
ARB				DCC	DC	GND			+IN	-IN	+OUT	-OUT
ASM	+S1	+S2	-S	DCC	DC	GND	+S3	+S4	-S		+OUT	-OUT
AXB				DCC	DC	GND	+A	-A	+B	-B	+OUT	-OUT
DCA	UNO	COM	UNC	ACC	AC	GND	LNO	COM	LNC		+IN	-IN
DLM	CAL1	CAL2		ACC	AC	GND			+IN	-IN	+OUT	-OUT
FDT	SH			DCC	DC	GND			+IN	-IN	+OUT	-OUT
FSM	NO	COM	NC	ACC	AC	GND	+AP	-AP	+IN	-IN	+PO	-PO
LIT	CAL2	COM	CAL1	DCC	DC	GND			+IN	-IN	+OUT	-OUT
MSS	+S1	+S2	-S	ACC	AC	GND	+S3				+OUT	-OUT
MVA	UNO	COM	UNC	ACC	AC	GND	LNO	COM	LNC		+IN	-IN
MVT				DCC	DC	GND			+IN	-IN	+OUT	-OUT
PAM	+PX	+SC	-SC	ACC	AC	GND	+UP	-UP	+IN	-IN	+OUT	-OUT
PDR				DCC	DC	GND			+IN	-IN	+OUT	-OUT
PDT				DCC	DC	GND			+IN	-IN	+OUT	-OUT
PSM	+S1	+S2	-S	ACC	AC	GND	+S3	+S4			+OUT	-OUT
PTT				DCC	DC	GND	A	B	C		+OUT	-OUT
RBA	UNO	COM	UNC	ACC	AC	GND	LNO	COM	LNC	A	B	C
RBT				DCC	DC	GND	A	B	C	D	+OUT	-OUT
SCT				DCC	DC	GND			+IN	-IN	+OUT	-OUT
SGT				DCC	DC	GND	+EX	-EX	+IN	-IN	+OUT	-OUT
SLM				ACC	AC	GND			+IN	-IN	+OUT	-OUT
SHM				DCC	DC	GND	+HC	-HC	+IN	-IN	+OUT	-OUT
SIT	CAL1	CAL2	CAL3	DCC	DC	GND			+IN	-IN	+OUT	-OUT
SRT				DCC	DC	GND			+IN	-IN	+OUT	-OUT
STM				DCC	DC	GND					+OUT	-OUT
TCA	UNO	COM	UNC	ACC	AC	GND	LNO	COM	LNC	TCR	TCR +IN	TCR -IN
TCT				DCC	DC	GND		TCR	TCR +IN	TCR -IN	+OUT	-OUT

Table 2. Key to Abbreviations

Key	Definition	Key	Definition
A, B, C, D	RTD or potentiometer inputs	IN	Input signal
+A, +B	Dual inputs	LNC	Lower trip contact, NC
-A, -B		LNO	Lower trip contact, NO
AC	AC power input	OUT	Output signal
ACC	ACC power return	PO	Pulse output
AP	Auxiliary pulse output	+PX	+12V @ 15mA (reference to -IN)
CAL	Calibration	S (N)	Multiple inputs
COM	Contact set common Input common	SC	Selectable current output
CT/PT	Current transformer Potential transformer	SH	Shield
DC	+DC power input	TCR	Terminal block mounted temperature
DCC	-DC power input	UNC	Upper trip contact, NC
TX	Auxiliary power supply output	UNO	Upper trip contact, NO
GND	Chassis ground	UP	Update input
HC	Hold command		

NOTES

- Numbers at top of columns refer to terminal position numbers shown below.
- Power input designations shown are standard. For optional power inputs, labels are changed accordingly.
- Center lug of temperature compensating resistor must connect to terminal 9 for TCT and to terminal 11 for TCA.
- Table 2 is an explanation of terminal position symbols listed in table 1. Refer also to the block diagram on the data sheet of the unit in question.



United States
Tel: (818) 894-7111
FAX: (818) 891-2816

The Interface Solution Experts

Australia
Tel: (02) 9525-9177
FAX: (02) 9525-7296

Belgium
Tel: 03/235.35.44
FAX: 03/271.00.17

Netherlands
Tel: (0)344-617971
FAX: (0)344-615920

United Kingdom
Tel: 01293 514488
FAX: 01293 536852