

NOTE:

1. MATES WITH BENDIX CONNECTOR NO. PT()10-6P, OR EQUAL, SERIES FOR EXTENSION PURPOSES

2 TIN ENDS PER STANDARD COMMERCIAL PRACTICE, TYP BOTH ENDS

3. A REDUCED COPY OF THIS DRAWING IS TO BE SHIPPED WITH ASS'Y

4. MANUFACTURE & TEST IN ACCORDANCE WITH APPLICABLE MANUAL, SEE FR0015

5 ON CONNECTOR END: TRIM CABLE SHIELDS FLUSH WITH JACKET. ON OPEN END: TRIM FOIL SHIELD FLUSH WITH CABLE JACKET; TWIST & TIN BRAIDED SHIELD MINIMUM 1"

NOTE: (CONT'D)

6 IF NECESSARY FOR EASE OF ASS'Y, GROMMET, PART OF CONNECTOR STRAIN RELIEF, MAY BE REMOVED

7 COVER END OF CABLE WITH SHRINK TUBING, ITEM 4 (REF), SO TUBING IS CAPTURED BY CONNECTOR STRAIN RELIEF CLAMP AS SHOWN & HEAT SHRINK PER SUGGESTED MANUFACTURER'S INSTRUCTIONS

CABLE TO CONNECTOR CONNECTIONS FOR 230043.002 ONLY (CUMMINS ENGINE)

PIN	COLOR	MODEL 249 FUNCTION (FOR CUSTOMER USE ONLY)
A	RED	+EXCITATION
B	BLACK	-EXCITATION
C	WHITE	+SIGNAL
D	GREEN	-SIGNAL
E	BLUE	CALIBRATION
F	ORANGE	CALIBRATION

(D)

(B)

CABLE TO CONNECTOR CONNECTIONS FOR 230043.012 & .022 ONLY

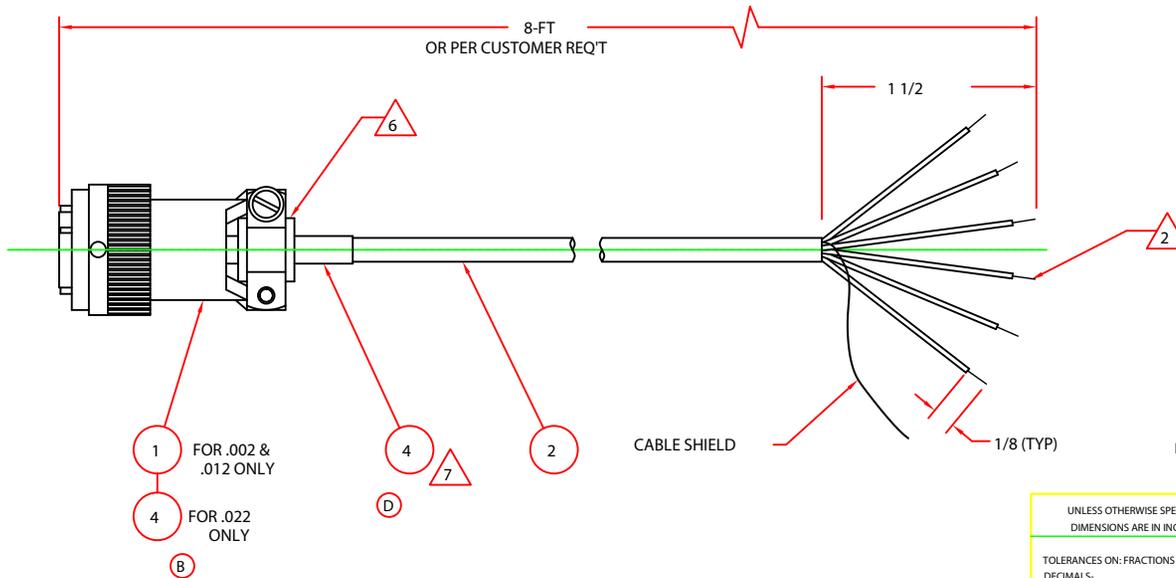
PIN	COLOR	FUNCTION
A	RED	SEE TRANSMITTER FOR PIN CONFIGURATION
B	GREEN	
C	BLACK	
D	WHITE	
E	BLUE	
F	ORANGE	

(D)

(C)

VIATRAN PART NO.	DESCRIPTION
230043.002	CUMMINS ENGINE
230043.012	STD/ST. CONNECTOR
230043.022	STD/RT. ANGLE CONN.

(B)



FOR .022 ONLY

FOR .002 & .012 ONLY

NEXT ASSEMBLY		REFERENCE DRAWING	
FINAL		FR0015	
QTY.	PART NO.	DESCRIPTION	ITEM
1*	31STDW3750	DUAL WALL SHRINK TUBING	4
1	10MSRT1006	RIGHT ANGLE CONNECTOR	1
AR	1300060/40	SOLDER	3
9'	122206F001	CABLE, 6-CONDUCTOR, PLENUM	2
1	10MSPT1106	CONNECTOR	1

(D)

(D)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				REVISIONS				CABLE ASS'Y, MODELS					
TOLERANCES ON: FRACTIONS ±1/64 DECIMALS: .XX ±.01 .XXX ±.005 ANGLES ±1/2"				LET	DATE	BY	ECN	USING 'BY' & RIGHT ANGLE CONNECTOR					
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 F.I.M. CHAMFER ALL MALE THREADS 45°±5° TO MINOR DIAMETER C'SINK ALL FEMALE THREADS 90°±10° TO MAJOR DIAMETER				A	2/10/97	FS	7227	SCALE	~1/1	MATERIAL	SEE B/M	DRAFTSMAN	DATE
				B	3/31/97	MC	7296	ENGINEER	DATE	REVIEW	DATE	APPROVED	DATE
				C	2/5/99	FS	7997	R. MOSS 2/11/97					
				D	8/28/03	SN	10053	DRAWING NO.					
				D	5/5/11	FS	12737	230043					



WHEATFIELD, NEW YORK USA