ADVANCED MICRO CONTROLS INC.
20 GEAR DRIVE, PLYMOUTH INDUSTRIAL PARK, TERRYVILLE, CT 06786
TEL: (860) 585-1254 FAX: (860) 584-1973

CML-(x) Specification Sheet

SHEET # 940-2C020

DESCRIPTION

The CML-(x) cable is for use with all dual resolver, multi-turn transducers that are compatible with AMCI controllers. The part numbers of these transducers begin with "HTT" and end with the numbers 100, 180, 1000, or 1800. Therefore, the HTT-20-100, HTT-400-180 and HTT-425-A1E-1000 are all examples of compatible transducers, while the HTT-20-1 is not.

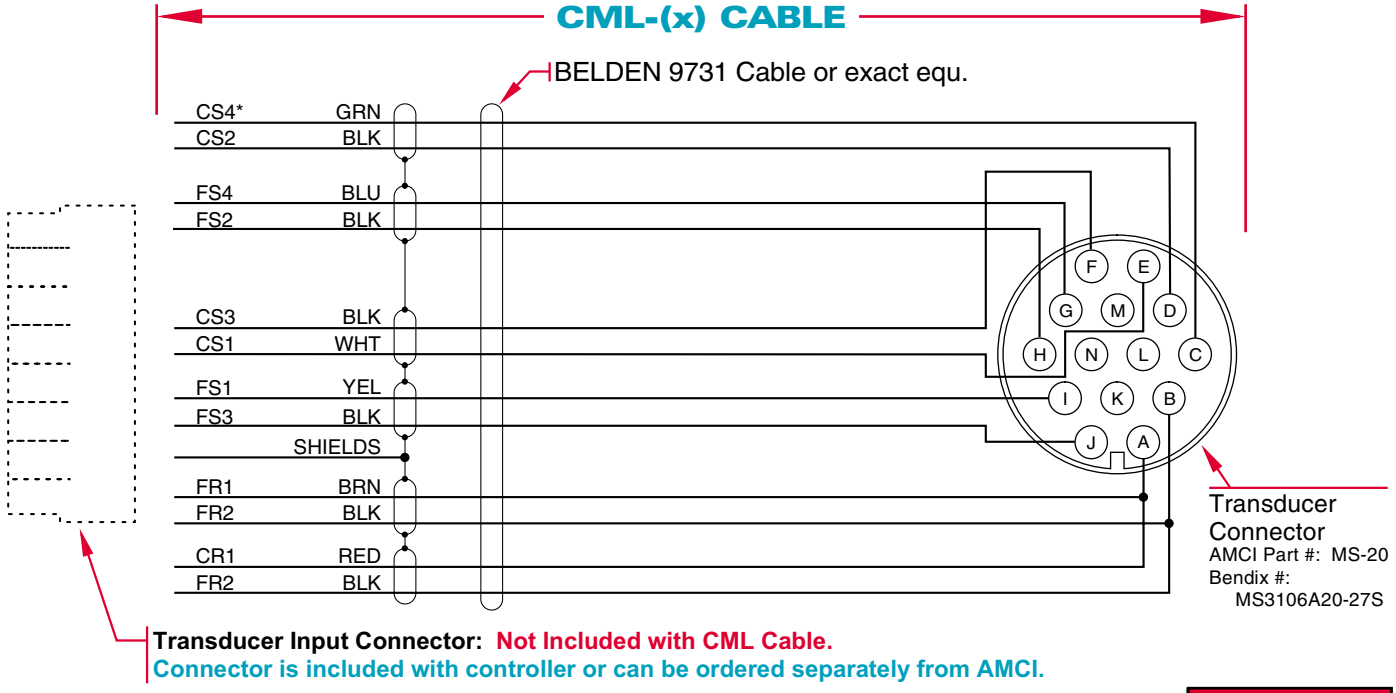
This cable cannot be used with the HTT-20-1 or HTT-400-1 redundant resolver transducers. Use the C1TR-(x) for the HTT-20-1 and the CTL-(x) cable for the HTT-400-1.

The (x) in the part number denotes the cable length in feet. {A CML-25 is 25 feet (7.6 meters) long.}

The CML-(x) cable replaces all CTT-(x) and C2TT-(x) cables in all documentation. Two CML cables can be wired together to replace the C2TT cable.

Note that the CML-(X) transducer cable does not include a mating connector for the controller. These connectors are supplied with the PLC plug-in module or controller. For correct connections, please see the cable wiring diagram in the installation section of the controller's manual.

PIN OUT DRAWING



*Industry standard resolver designations. The "F" or "C" prefix refers to the Fine or Coarse resolver in the transducer. The Fine resolver yields the position with in the turn, while the difference in position between the Fine and Coarse resolvers yields the number of turns completed.

If you need a high temperature cable, AMCI suggests using Belden 89731 cable with foamed Teflon insulation. AMCI's FAQ "*What Transducer Cable Can I Use In High Temp or High Flex Applications?*" gives installation guidelines on the 89730 cable. This document can be found in the FAQ section of our website, *www.amci.com.*

	Belden 9731
Max. Cable Length	600 ft.
Wire Gauge	24 AWG (7X32 Stranded)
Nominal O.D.	0.421"
Jacket Insulation Material	PVC
Wire Insulation Material	Polyethylene
Temp. Rating	-20°C to +60°C
Capacitance	12.5 pF/ft.