

CML-(x)/MS19 Specification Sheet

SHEET # 940-2C070

DESCRIPTION

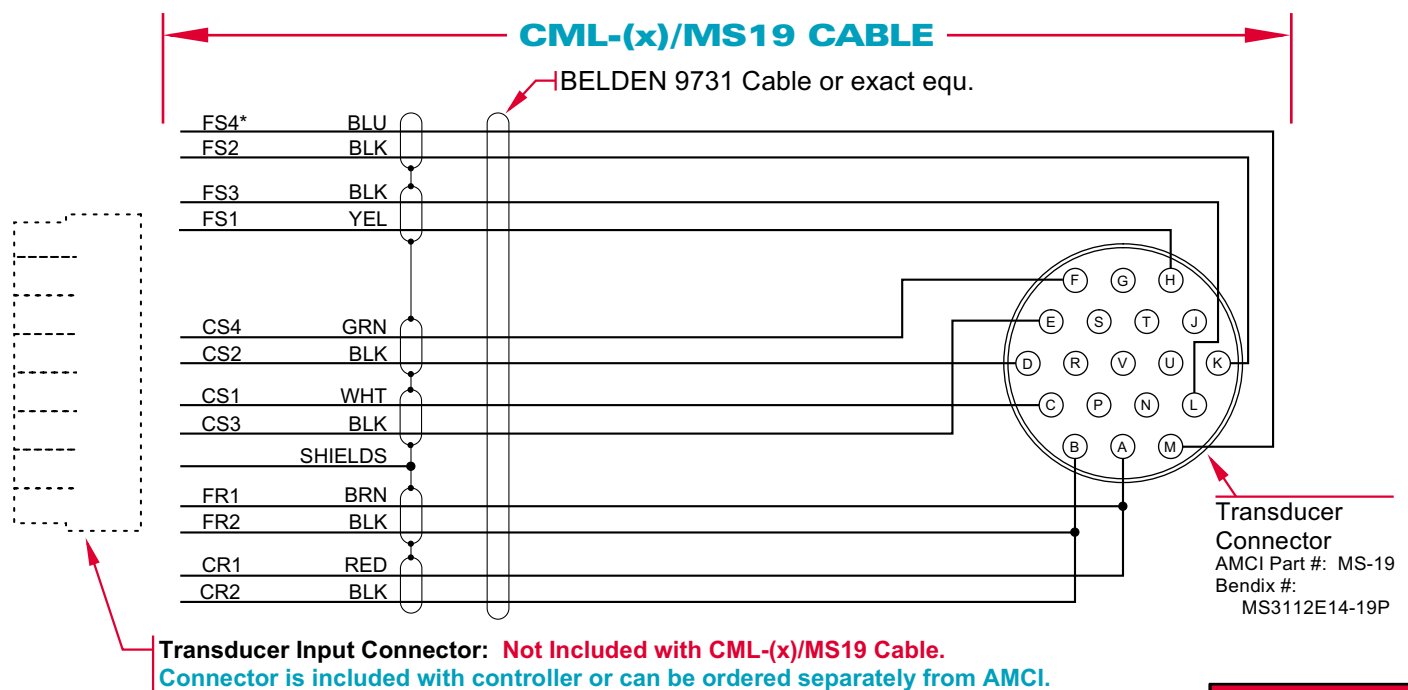
The CML-(x)/MS19 cable is for use with all HTT-400 dual resolver, multi-turn transducers that have a MS3112E14-19P connector. These transducers can be ordered from AMCI with the connector instead of a conduit fitting or can be converted to a connector with an MS-TA19 Termination Adapter. Note that the HTT-400-1 redundant resolver transducer does not use the MS3112E14-19P connector and does not use this cable. The correct cable for the HTT-400-1 is the CTL-(x).

The (x) in the cable's part number denotes the cable length in feet. (A CML-25/MS19 is 25 feet {7.6 meters} long.)

The CML-(x)/MS19 cable replaces all CTT-(x) and C2TT-(x) cables in all documentation when using an HTT-400 dual resolver, multi-turn transducer package. Two CML-(x)/MS19 cables can be wired together to replace the C2TT cable. When using the HTT-400-128, note that the controller must be compatible with the transducer.

The CML-(x)/MS19 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. If the manual only shows a standard CML-(x) cable, follow the diagrams' wire colors or the resolver signal names to ensure proper installation.

PIN OUT DRAWING



*Industry standard resolver designations. The "F" or "C" prefix refers to the Fine or Coarse resolvers in the transducer.

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.