

10	9	
MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300100851	114030K03M010	1M (3 FT 3.4 IN)
1300100852	114030K03M020	2M (6 FT 6.7 IN)
1300100853	114030K03M030	3M (9 FT 10.1 IN)
1300100855	114030K03M050	5M (16 FT 4.9 IN)
1300100860	114030K03M100	10M (32 FT 9.7 IN)
1300102178	114030K03M150	15M (49 FT 2.6 IN)
1300102179	114030K03M200	20M (65 FT 7.4 IN)

CABLE LENGTH TOLERANCES

<.3M [1FT]: +19mm-0 [+.75in-0]

.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]

.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]

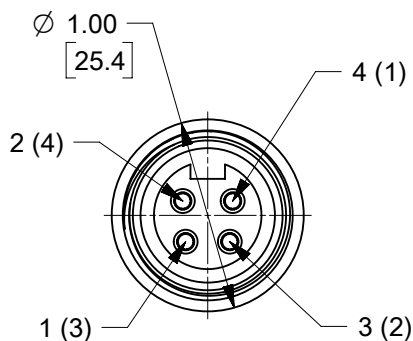
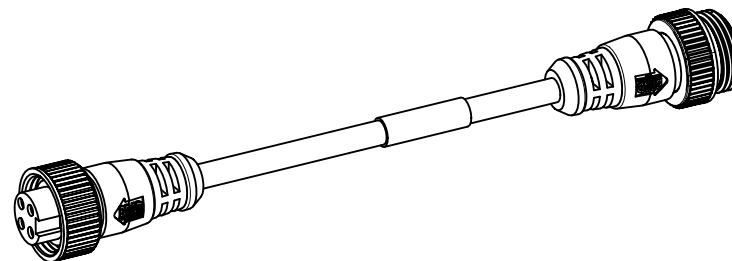
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]

3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]

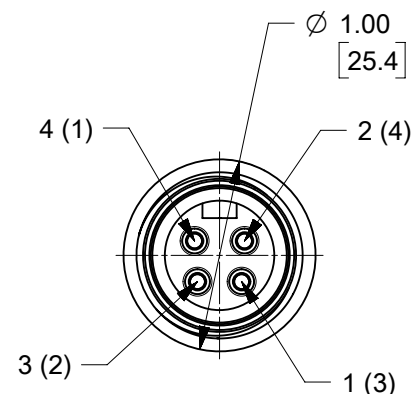
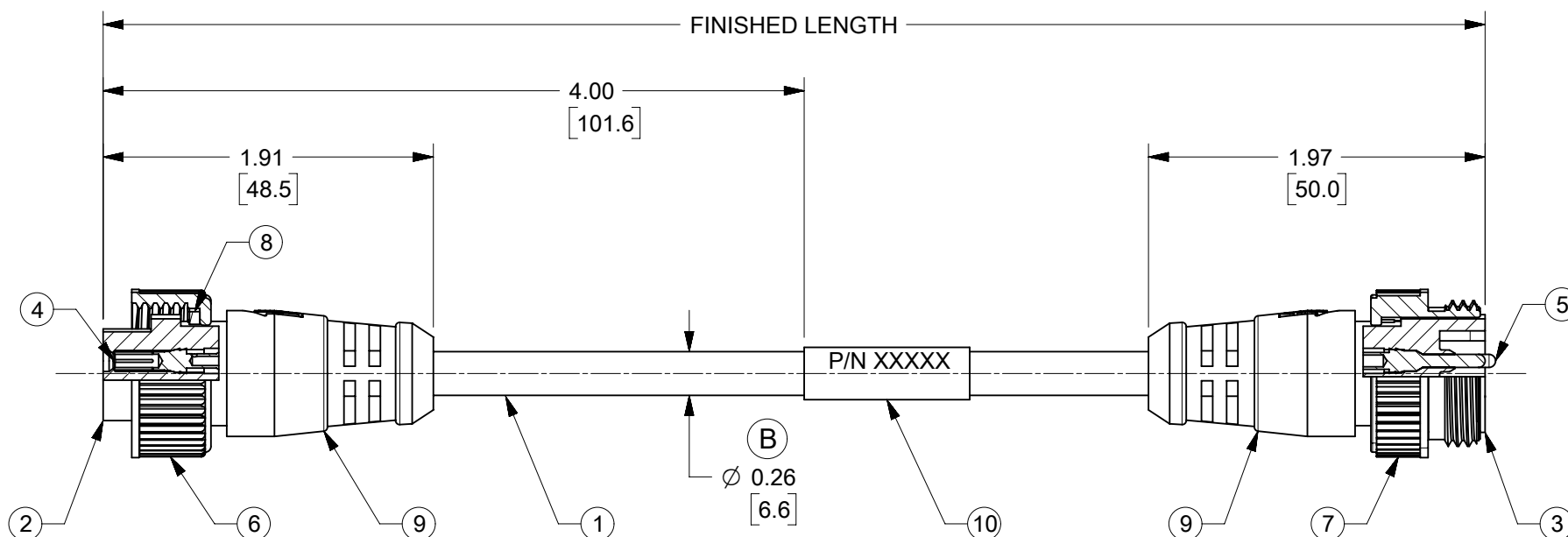
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]

14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]

OVER 30M [100FT] +2% OF FINISHED LENGTH



FEMALE FACE VIEW



MALE FACE VIEW

WIRING DIAGRAM

BLACK	4 (1)
BLUE	3 (2)
BROWN	1 (3)
WHITE	2 (4)

PART NUMBER LEGEND

114030K03.M010

FINISHED LENGTH : -
M010 = 1.0 METERS
M100 = 10.0 METERS
M200 = 20.0 METERS

MECHANICAL CHARACTERISTICS:

TORSIONAL FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

10	WRAP LABEL			VINYL	BLACK/YELLOW
9	OVERMOLD			TPE	YELLOW
8	FRICTION RING			NYLON	WHITE
7	MALE COUPLING NUT			ZINC DIE CAST	BLACK E-COAT
6	FEMALE COUPLING NUT			ZINC DIE CAST	BLACK E-COAT
5	PIN CONTACT			Cu ALLOY	GOLD OVER NICKEL
4	SOCKET CONTACT			Cu ALLOY	GOLD OVER NICKEL
3	MALE INSERT			TPE	YELLOW
2	FEMALE INSERT			TPE	YELLOW
1	CABLE, 4P, 18AWG, ITC/PLTC			TPE JACKET	YELLOW
ITEM	DESCRIPTION			MATERIAL	FINISH
DOCUMENT STATUS		P1	RELEASE DATE	2022/04/08 14:05:48	

CENELEC EN 50 044 PINOUT SHOWN
(SAE-J-1738A IN PARENTHESES)

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED MATERIAL TABLE, TOL. TABLE & TEMP RATING.ADDED ITEM 8,CABLE DIA., MECH. CHARACTERISTICS & CSA.			molex							
	INCH/MM		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)							MINI-CHANGE CORDSET, A SIZE 4 POLE, FEMALE/MALE, STRAIGHT, SINGLE KEY, 18 AWG TPE HI-FLEX							
	ANGULAR TOL ± 0.5°														
	4 PLACES		±					PRODUCT CUSTOMER DRAWING							
	3 PLACES		±												
	2 PLACES		±												
	1 PLACE		±												
	0 PLACES		±		DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION					
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								B-SIZE	130010	SEE TABLE		GENERAL MARKET		1 OF 1	
										1300102178		PSD	000	B	