

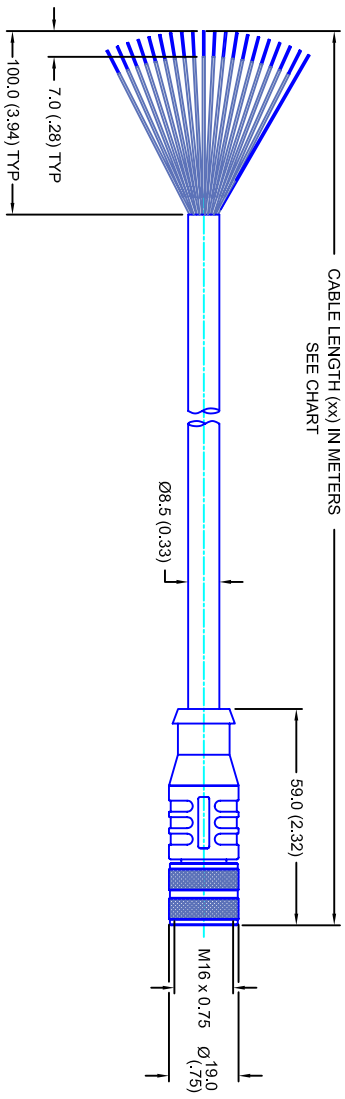
NOTES:

1. MILLIMETERS (INCHES)
2. - $\text{\textcircled{2}}$
3. BEND RADIUS IS 72MM (2 7/8 INCHES)
4. "XX" INDICATES LENGTH OF CABLE IN METERS
5. CABLE LENGTH TOLERANCE +4% (OR 50MM)+0% (OR 0MM) WHICHEVER IS GREATER
6. STRIP LENGTH TOLERANCE: $\pm 0.5MM$

REVISIONS			
REV	DESCRIPTION	DATE	APP'D
1	RELEASE DRAWING	10/20/04	
2	CHG CABLE TO TWISTED PWS	1/24/05	

SPECIFICATIONS	
MOLDED HEAD MATERIAL/COLOR	PUR/YELLOW
CONTACT CARRIER MATERIAL/COLOR	THERMOPLASTIC PUR/BLACK
CONTACT MATERIAL/PLATING	BRASS/GOLD $\text{\textcircled{2}}$
COUPLING NUT MATERIAL	BRASS/NICKEL $\text{\textcircled{2}}$
RATED CURRENT [A]	4.0 A
RATED VOLTAGE [V]	60 VAC/VDC
OUTER JACKET MATERIAL/COLOR	PLTC PVC/BLUE $\text{\textcircled{2}}$
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	8 PAIRS 16/22 AWG $\text{\textcircled{2}}$
DRAINSHIELD	24 AWG DRAIN/POLYESTER FOIL SHIELD OVERALL AND INDIVIDUAL PAIRS FOLDED $\text{\textcircled{2}}$
TEMPERATURE RANGE	-40°C TO +105°C (-40°F TO +221°F)
PROTECTION CLASS	MEETS IEC IP67

XX = CABLE LENGTH (METERS)	REF EQUIVALENT MEASURE (FT)
01 = 1 M	01 = 3.28 FT
03 = 3 M	03 = 9.84 FT
05 = 5 M	05 = 16.40 FT
07 = 7 M	07 = 22.97 FT
09 = 9 M	09 = 29.53 FT
11 = 11 M	11 = 36.09 FT
13 = 13 M	13 = 42.65 FT
15 = 15 M	15 = 49.21 FT



FEMALE PIN-OUT	PIN = COLOR	FUNCTION
A	WHT/BLK	CH A
B	WHT/GRN	CH B
C	WHT/RED	CH Z
D	WHT/BLU	CH U
E	WHT/BRN	CH V
F	WHT/YEL	CH W
G	WHT/ORG	+5 VDC
H	BLK/WHT	CH A
I	GRN/WHT	CH B
K	RED/WHT	CH Z
L	BLU/WHT	CH U
M	BRN/WHT	CH V
N	NC	NOT USED
O	YEL/WHT	CH W
P	ORG/WHT	OV
R	DRAIN	SHLD
S	NC	NOT USED
T	NC	NOT USED
U	NC	NOT USED



M16 connector

SUGGESTED VENDOR:
VENDOR NAME: TURCK INC
VENDOR P/N: SEE STOCK CODE NO.

SOURCE DRAWING - FOR REFERENCE ONLY

<p>TOLERANCES UNLESS SPECIFIED</p> <p>SURFACE FINISH: = H12</p> <p>BORE: = H12</p> <p>DECIMAL .xxx ± .012 (.005)</p> <p>DECIMAL .xx ± .05 (.010)</p> <p>DECIMAL .x ± .51 (.020)</p> <p>FRACTION ± .001 (.016)</p> <p>ANGLES ± .50</p>		<p>REMOVE ALL BURRS, BREAK SHARP EDGES, AND FILE TO REMOVE ALL SHARP EDGES.</p> <p>PROPRIETARY RIGHTS OF CUSTOM MOTORS ARE INCLUDED IN THE INFORMATION DISCLOSED HEREIN. THE DRAWING AND/OR COMPONENT SHALL NOT BE REPRODUCED OR MANUFACTURED WITHOUT THE WRITTEN PERMISSION OF CUSTOM MOTORS.</p>
<p>FINISH:</p> <p>MATERIAL:</p>	<p>CUSTOMER:</p> <p>SCALE</p>	<p>CUSTOM MOTORS INC</p> <p>ENCODER CABLE 40/60/80MM MTRS</p> <p>MOLDED CABLE WITH FLYING LEADS</p> <p>DRAWING NO. CMEXXM-KL</p> <p>DATE 10/20/04</p> <p>DRAWN: DFLA</p> <p>SHEET: 1 OF 1</p> <p>REV. 2</p>