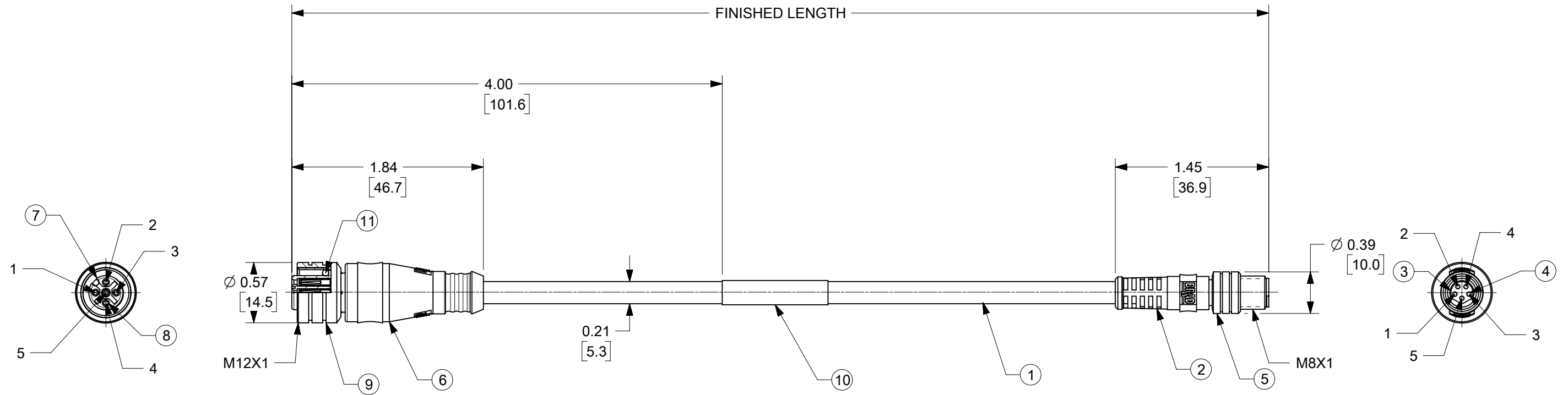


SAP NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300300023	845030D12M005	0.5M (1.6FT)
1300300027	845030D12M010	1.0M (3.3FT)

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



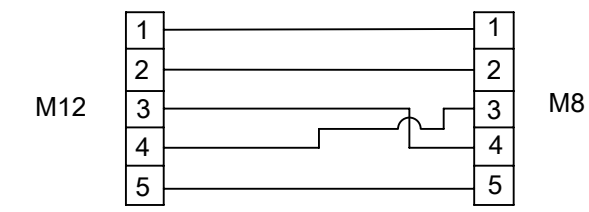
- 1 - DRAIN
- 2 - RED
- 3 - BLACK
- 4 - WHITE
- 5 - BLUE

- 1 - DRAIN
- 2 - RED
- 3 - WHITE
- 4 - BLACK
- 5 - BLUE

**PART NUMBER MATRIX**  
**845030D12M010**

LENGTH:  
M005 - 0.5M  
M010 - 1.0M  
M100 - 10.0M

**WIRING SCHEMATIC**



11	O-RING	NITRILE	RED
10	WRAP LABEL	PLASTIC FILM	BLACK/YELLOW
9	FEMALE COUPLING NUT	BRASS	NICKEL PLATED
8	FEMALE CONTACT	CU ALLOY	GOLD PLATED
7	MIC 5P FEMALE INSERT	PUR	BLACK
6	OVERMOLD (M12)	TPC	GRAY
5	MALE COUPLING NUT	BRASS	NICKEL PLATED
4	MALE CONTACT	CU ALLOY	GOLD PLATED
3	NC 5P MALE INSERT	PUR	BLACK
2	OVERMOLD (M8)	TPC	GRAY
1	CABLE, 4P 26 AWG	PVC JACKET	GRAY
ITEM	DESCRIPTION	MATERIAL	FINISH

- NOTES:**
- 1) MATERIAL: SEE TABLE
  - 2) FINISHES: SEE TABLE
  - 3) ELECTRICAL: 60 VAC/75 VDC, 2A
  - 4) IP67 WHEN FULLY MATED
  - 5) ASSEMBLY IS ROHS COMPLIANT.
  - 6) ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR OTHERWISE NOTED.

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516986						<b>molex</b>	
INCH/MM		1:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 831193							
ANGULAR TOL ± 0.5°				4 PLACES ±		DRWN: SANATK1		2025/08/12		MIC STR 5P FEMALE TO NC STR 5P MALE DEVICENET	
3 PLACES ±				2 PLACES ±		CHKD: GGA		2025/08/19		PRODUCT CUSTOMER DRAWING	
1 PLACE ±				0 PLACES ±		APPR: GGA		2025/08/19		DOCUMENT NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		REVISION	
				B-SIZE		130030		MATERIAL NUMBER		CUSTOMER	
				SEE TABLE		GENERAL MARKET		SD-130030-027		PSD 001 B1	
										SHEET NUMBER	
										1 OF 1	