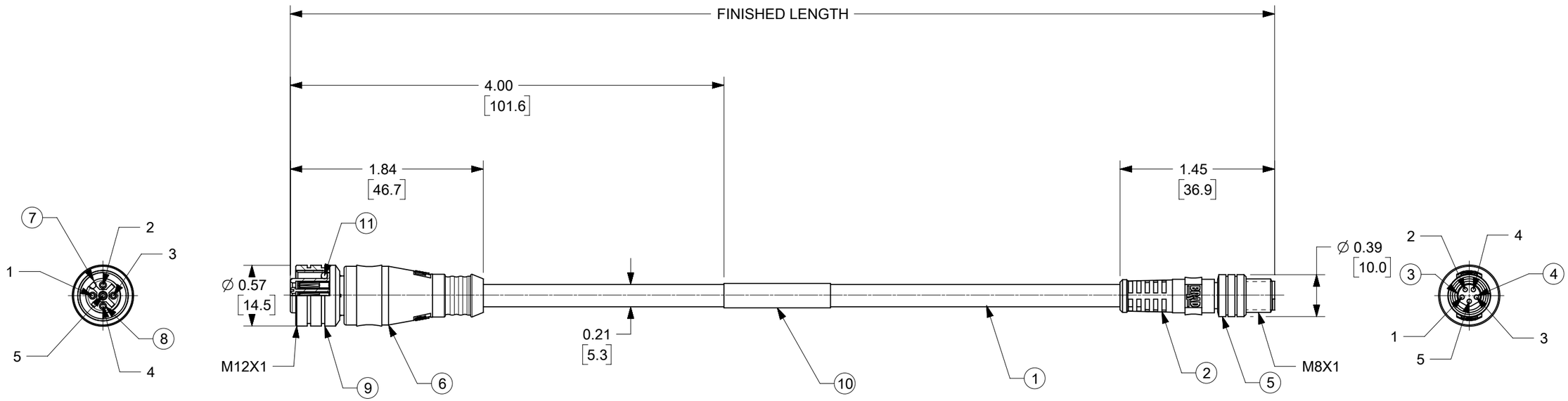
SAP NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300300023	845030D12M005	0.5M (1.6FT)
1300300027	845030D12M010	1.0M (3.3FT)

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



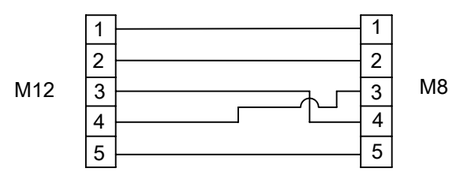
1 - DRAIN
2 - RED
3 - BLACK
4 - WHITE
5 - BLUE

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



ITEM	DESCRIPTION	MATERIAL	FINISH
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

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: INCH/MM | SCALE: 1:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 0.5 °
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516986

EC NO: 831193
DRWN: SANATK1 2025/08/12
CHK'D: GGA 2025/08/19
APPR: GGA 2025/08/19

INITIAL REVISION:
DRWN: BRUPERT 2010/01/25
APPR: JFMURPHY 2010/01/29

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 130030 | MATERIAL NUMBER: SEE TABLE | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 1 OF 1

molex

MIC STR 5P FEMALE TO
NC STR 5P MALE DEVICENET

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130030-027	PSD	001	B1

DOCUMENT STATUS	P1	RELEASE DATE	2025/08/19 10:07:00

FORMAT: master-tb-prod-B
REVISION: J1
DATE: 2021/05/01