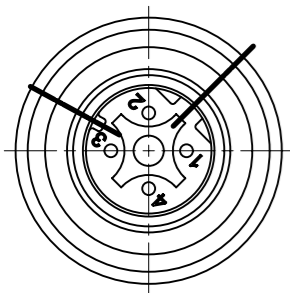


M12 4 POLE MALE



VIEW FROM THE FRONT SIDE

Pin	Wire color
1	WH/OG
2	WH/GN
3	OG
4	GN

PART No. MATRIX

E W W A 0 6 3 1 5 M X X X

E=ETHERNET

HEADS:
W=M12 4-Pole Ultra Lock
D-Coding
W=M12 4-Pole Ultra Lock
D-Coding

HEADS STYLE:
063=MALE RA / MALE RA

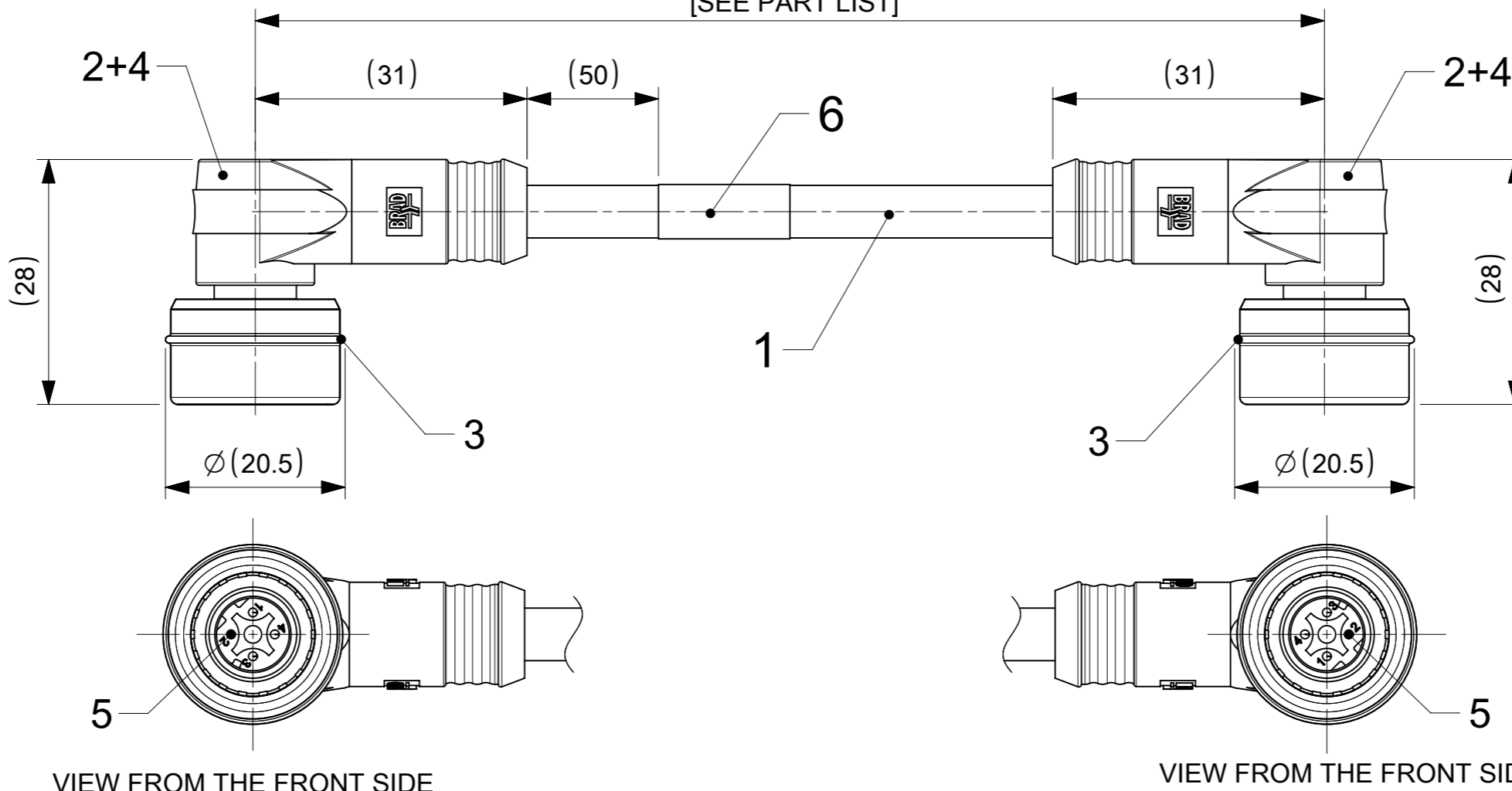
UNITS:
M=METER
T=10x METER

LENGTH EXAMPLES:
005=0.5
010=1
150=15

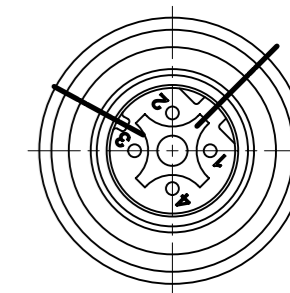
WIRING TYPE:
A=4 Pole (STRAIGHT WIRED)

CABLE TYPE

L+Tol.
[SEE PART LIST]



M12 4 POLE MALE



VIEW FROM THE FRONT SIDE

Pin	Wire color
1	WH/OG
2	WH/GN
3	OG
4	GN

PART LIST

MOLEX PN	ENGINEERING No	L+Tol. [mm]
1201080057	EWWA06315M006	600 +45
1201080058	EWWA06315M010	1000 +56
1201080059	EWWA06315M020	2000 +89

BOM

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH / COLOR
6	1	WRAP LABEL	VINYL	YELLOW
5	8	CONTACT MALE	BRASS	GOLD OVER Ni-PLATED
4	2	SHIELD CLOSURE CAP-90	BRASS	Ni-PLATED
3	2	ULTRALOCK MALE ASSEMBLY	-	-
2	-	MOULDING MATERIAL	TPU	BLACK
1	-	CABLE SHIELDED PVC CAT5E	PVC	TEAL

NOTES :

ACC. TO CAT5e ETHERNET STD.
MAX. VOLTAGE : 30V
MAX. CURRENT : 1.5A
IP RATING : IP67
TEMPERATURE RANGE : -20°C TO +75°C

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE	CURRENT REV DESC:		
	mm	3:2			
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				
	ANGULAR TOL ± 1.0°				
4 PLACES ±		EC NO: 703538		2022/03/29	
3 PLACES ±		DRWN: SSM		2022/04/22	
2 PLACES ± 0.05		CHK'D: RSILLER		2022/04/22	
1 PLACE ± 0.3		APPR: RSILLER		2022/04/22	
0 PLACES ± 0.5		INITIAL REVISION:			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: SSM		2022/03/29	
THIRD ANGLE PROJECTION		APPR: RSILLER		2022/04/22	
DRAWING		SERIES		DOCUMENT NUMBER	
A3-SIZE		120108		1201080057	
MATERIAL NUMBER		CUSTOMER		DOC TYPE	
SEE PART LIST		GENERAL MARKET		PSD	
SHEET NUMBER		1 OF 1		DOC PART	
				000	
				A	

6

5

4

3

2

1

PART NUMBER	ENGINEERING NO.	LENGTH ± TOLERANCE
1201080058	EWWA06315M010	3' 3" +2.19"/-0" [1M +55.6/-0 mm]
1201080060	EWWA06315M050	16' 4" +6.5"/-0" [5M +165.0/-0 mm]

 AUX VIEW
SCALE 1:4

MALE-FACE VIEW

P1		P2
1	WHITE/DRG	1
2	WHITE/GRN	2
3	ORANGE	3
4	GREEN	4

WIRING DIAGRAM

MALE-FACE VIEW

NOTES:

- MATERIAL: SEE TABLE
- FINISHES: SEE TABLE
- CABLE: #26/4 SHIELDED PVC
- ELECTRICAL DATA:
ACCORDING TO CAT5e ETHERNET STANDARD
MAX. VOLTAGE: 30V
MAX. CURRENT 1.5A
- ENVIRONMENTAL:
PROTECTION IP67
TEMPERATURE RANGE: -20°C TO 75°C
- WRAP LABEL IS MARKED WITH P/N, DATE CODE,
VOLTAGE & AMPERAGE.
- ASSEMBLY IS RoHS COMPLIANT.

6	1	LABEL	PLASTIC FILM	BLACK/YELLOW
5	2	INSERT	PUR	BLACK
4	8	PIN CONTACT	COPPER ALLOY	GOLD PLATED
3	2	M12 ULTRA-LOCK HEAD ASSY	BRASS	NICKEL
2	2	OVERMOLD	PUR	BLACK
1	1	ETHERNET CABLE-CAT5E	PVC JACKET	TEAL
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

SD RELEASE EC NO: WELU2010-0005 7/8/09 DRWN: VOU CHKD: BWOODMAN APPR: JFMURPHY 2009/07/20	QUALITY SYMBOLS $\nabla=0$ $\nabla C=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
			mm	INCH	IN/MM	3:4		INCH
		4 PLACES	±----	±----	DRAWN BY	DATE		TITLE
		3 PLACES	±----	±.005	VOU	2009/07/07		M12 ULOCK CABLE ASSY 4P M/MP 90/90 D-CODE #26/4 SHIELDED PVC
2 PLACES	±----	±.010	CHECKED BY	DATE				
1 PLACE	±----	±.020	BWOODMAN	2009/07/31				
ANGULAR ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY	DATE			
				MATERIAL NO.	SEE CHART	DOCUMENT NO.	SHEET NO.	
				SIZE	A	SD-120108-006	1 OF 1	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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