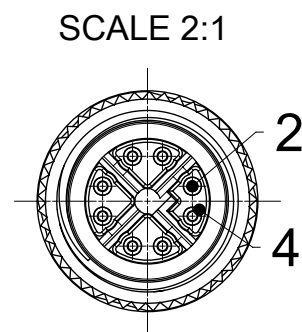
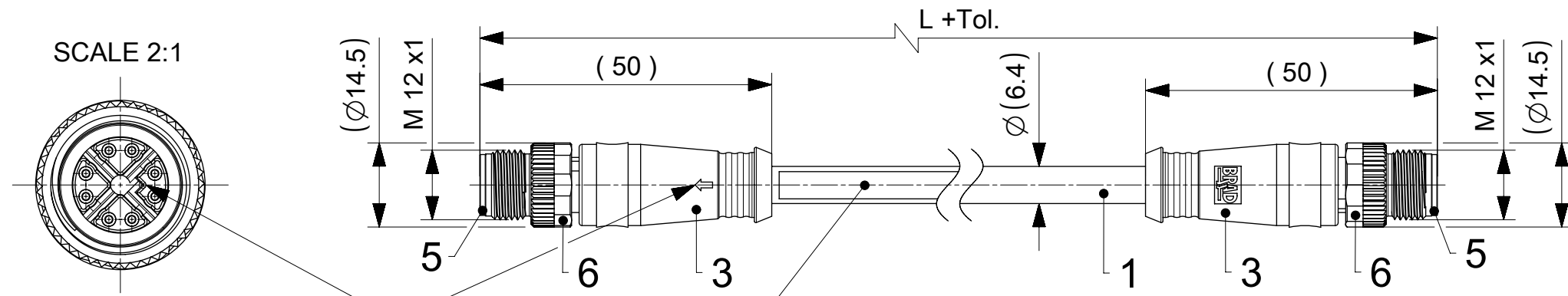
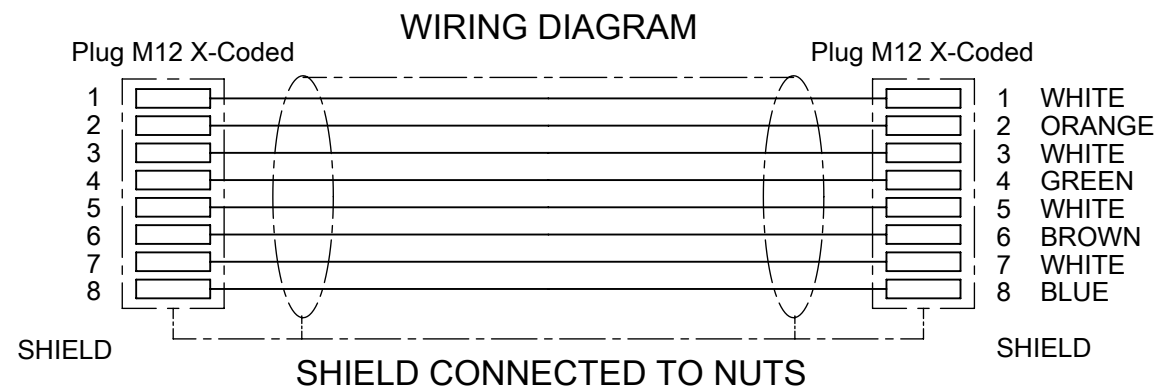




The Arrow of the coding
(Inline with the coding)
of M12 connector
Brad Logo on the Opposite Side

CABLE PRINT: 
[MOLEX ETHERNET CABLE CAT6A 4x2x26] [MX PN] [(MX OLD ENG NO)] [DATE CODE] according to WN-00001
i.e. MOLEX ETHERNET CABLE CAT6A 4x2x26 1203410300 (E22E06020M005) MX1922



Technical data:

M12 X-Coded CAT6 8P Cordset AWG26 straight blue inline 360° shielded.

Poles:	8
Max. Voltage:	48V
Max. Current:	0.5A
Contact resistance:	<5mOhm
Insulation withstand:	>100MOhm
Protection:	IP67
Temperature range:	-40°C to 70°C
Transmission characteristics (category):	CAT6 _A

Product specification see: PS-120341-001

Packaging:
The cordsets are packed in a polybag.

BOM

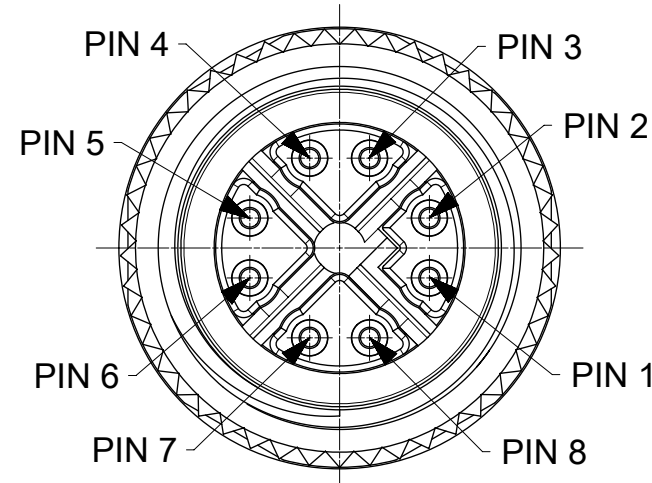
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH
1	-	CABLE 4x2xAWG 26 BLUE	PUR	-
2	16	CONTACT 6 MALE	BRASS	GOLD OVER NICKEL
3	2	OVERMOLD BLACK	TPU	-
4	2	INSERT M12 CAT6A MALE 8P BLACK	PA6	-
5	2	SHELL M12 CAT6A	ZINC DIE-CAST	NICKEL PLATED
6	2	NUT M12 MALE	BRASS	NICKEL PLATED

DOCUMENT STATUS	P1	RELEASE DATE	2019/10/15	09:21:21
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Connector Pin Assignment

Plug M12 X-Coded

Pin Side View



SCALE 4:1

Wiring Scheme

PLUG M12 XC

1 White
2 Orange
3 White
4 Green
5 White
6 Brown
7 White
8 Blue

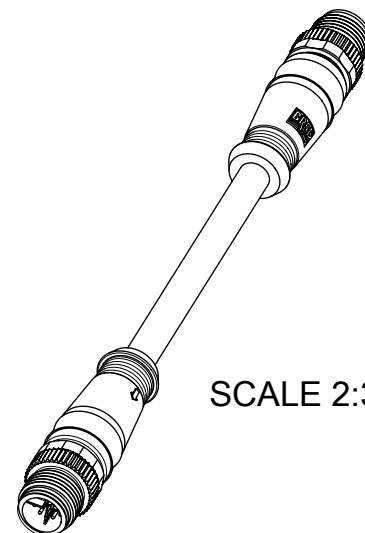


TABLE 2

CABLE LENGTH TOLERANCES	
LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FA = 0	DIMENSION UNITS	SCALE	CURRENT REV DESC: NEW P/N - 1203410859 ADDED IN TABLE 2, TOL. TABLE ADDED				molex									
	mm	1:1														
FE = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 625632 DRWN: MDHARMANTI 2019/10/10 CHK'D: RSILLER 2019/10/15 APPR: RSILLER 2019/10/15				CSE M12 CAT6A 8P XC MA STR PUR XM DE									
FE = 0																
FS = 0	ANGULAR TOL ± 1.0°		INITIAL REVISION:				PRODUCT CUSTOMER DRAWING									
	4 PLACES	±														
FT = 0	3 PLACES ±		DRWN: FGAIK 2017/06/19 APPR: BBRAUCH 2017/06/21				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION					
FT = 0	2 PLACES ± 0.05						1203410300		PSD	000	A5					
FX = 0	1 PLACE ± 0.3		THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
FX = 0	0 PLACES ± 0.5															
FX = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3-SIZE	120341	SEE TABLE 1		GENERAL MARKET		1 OF 1						