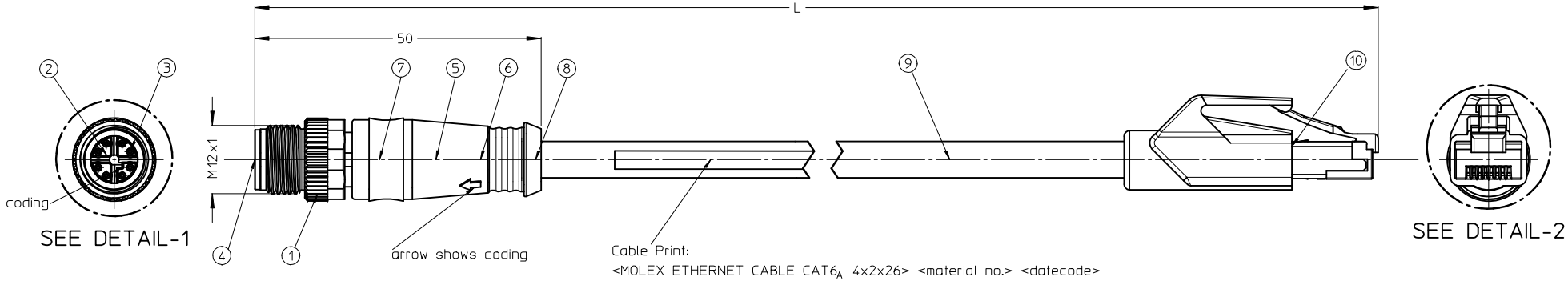


Technical Data:
M12 TO RJ45 CAT6$_A$ Cordset AWG26
straight blue inline 360° shielded.

Poles:	8
Max. Voltage:	48V
Max Current:	0,5A
Contact resistance:	<5m Ohm
Insulation withstand:	>100M Ohm
Protection M12 / RJ45:	IP67 / IP20
Temperature range:	-40°C to 70°C
Transmission characteristics (category):	CAT6$_A$

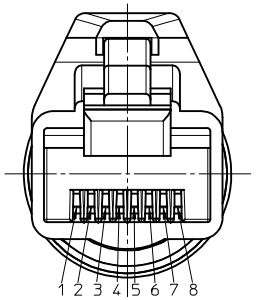
1) DEVIATION OF RTN-LOSS AT CAT6$_A$ LIMIT BELOW 2,00E+06Hz

Low-Halogen-Status according to IEC 60754-1/-2

Product Specificattion see: PS-120341-140

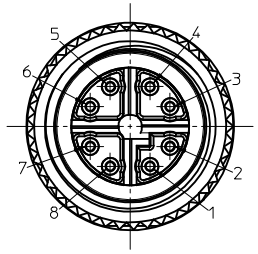
Packaging:
The cordsets delivered packed into Carton.

Connector pin assignment
Plug RJ45
DETAIL-2
SCALE 4:1



Wiring Scheme RJ45
1 white-orange
2 orange
3 white-green
4 blue
5 white-blue
6 green
7 white-brown
8 brown

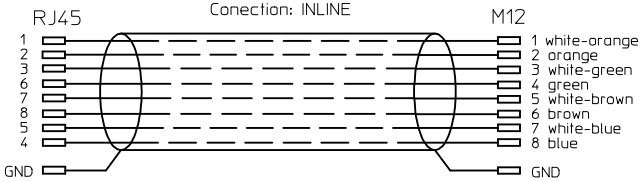
Connector pin assignment
Plug M12
pin side view
DETAIL-1
SCALE 4:1

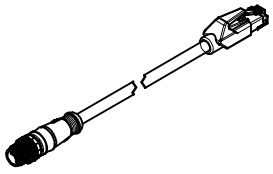


Wiring Scheme M12
1 white-orange
2 orange
3 white-green
4 green
5 white-brown
6 brown
7 white-blue
8 blue

Material Number	Length L [m]	
1203410500	0,5	
1203410501	1	
1203410502	2	
1203410503	3	
1203410504	4	
1203410505	5	
1203410506	10	
1203410507	15	
1203410508	20	
1203410509	30	1)
1203410510	40	1)
1203410511	23	

Wiring Diagramm
Conection: INLINE





POS	DESCRIPTION	MATERIAL	FINISH
01	COUPPLING NUT	BRASS	NICKEL PLATED
02	INSERT	PA	BLACK
03	CONTACT	BRASS	GOLD OVER NICKEL
04	SHIELDING CROSS	ZINC DIE-CAST	NICKEL PLATED
05	SHIELDING SHELL	ZINC DIE-CAST	NICKEL PLATED
06	FERRULE	BRASS	NICKEL PLATED
07	TAPE	PA	AMBER
08	OVERMOULD	PUR	BLACK
09	CABLE	PUR	BLUE
10	PLUG RJ45	NA	BLACK

ENTER DESCRIPTION
EC NO: IPG2016-1336 2016/04/04
DRWN:RSCHIEBER 2016/04/04
CH'KD:THAERDT 2016/04/04
APPR:RSILLER 2016/04/04
DESCRIPTION
C1
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.30	± ---
0 PLACE	± 0.50	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: ZISMAYILOV DATE: 2011/11/15
CHECKED BY: RSCHIEBER DATE: 2012/06/12
APPROVED BY: AVOGT DATE: 2012/06/12

TITLE: CSE M12 CAT6A RJ45 8P XC MA STR PUR XM SHLD BU

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-120341-140
SHEET NO.: 1 OF 1
SIZE: A2

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