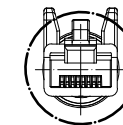
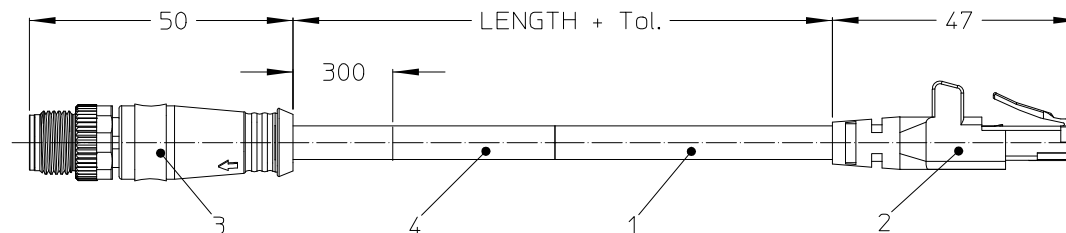




SEE DETAIL-1



SEE DETAIL-2

Technical Data:

M12 TO RJ45 CAT6 Cordset AWG26 straight teal inline 360° shielded.

Poles: 8
Max. Voltage: 48V
Max Current: 0,5A
Contact resistance: <5m Ohm
Insulation withstand: >100M Ohm
Protection: IP67 / IP20
Temperature range: -40°C to 80°C
Transmission characteristics (category): CAT5E

BAG LABEL DETAILS

COGNEX

PRODUCT ID

185-130XR REV

BARCODE

WWW.COGNEX.COM

DATE CODE

COUNTRY OF
ORIGIN

WRAP LABEL DETAILS

PRODUCT ID

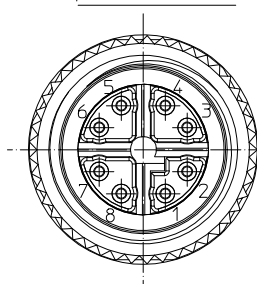
185-130XR REV

DATE CODE MFG'R ID

Connector pin assignment

Plug M12

pin side view



DETAIL-1

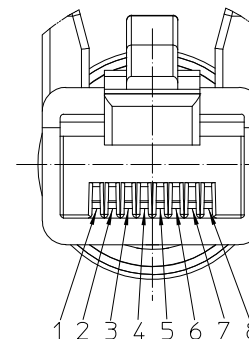
SCALE 3:1

Wiring Scheme M12

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

Connector pin assignment

Plug RJ45

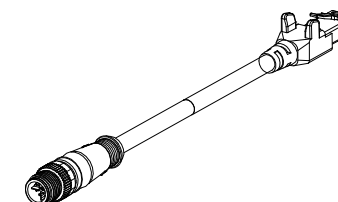


DETAIL-2

SCALE 3:1

Wiring Scheme RJ45

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



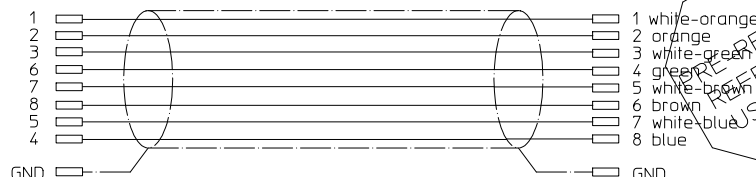
GEN-1
SCALE 1:2

MOLEX PN	COGNEX PN	Length [m]	Tolerance
1203410800	185-1305R	0,6	+20 -10
1203410801	185-1304R	2,0	±25
1203410802	185-1303R	5,0	±25
1203410803	185-1306R	10,0	±30
1203410804	185-1307R	15,0	±30
1203410805	185-1308R	30,0	±60

NOTES:

- Cable to be coiled and packaged in an 8" X 10" clear plastic bag.
- COGNEX logo font: EUROSTILE EXT2.
- Barcode Content: 185- per chart
Barcode Type: 128 6mm HIGH (min)

RJ45 Wiring Diagramm



4	WRAP LABEL	NA	WHITE
3	PLUG M12	NA	NA
2	PLUG RJ45	NA	BLACK
1	CABLE	TPCP	TEAL
POS	DESCRIPTION	MATERIAL	FINISH

ENTER DESCRIPTION	EC NO:	DRWN:	CHKD:	APPR:
1	IPG2015-1249	ZISMAYILOV	RSILLER	

QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.10	± ---
0 PLACE	± ---	± ---

ANGULAR ± .5 °
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY	DATE
ZISMAYILOV	2015/01/12
CHECKED BY	DATE
RSILLER	2015/01/16
APPROVED BY	DATE

SEE TABLE

SCALE

1:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

CSE M12 CAT6A RJ45 8P
XC MA STR PVC XM SHLD

molex

DOCUMENT NO. RSD-120341-270

SHEET NO. 1 OF 1