

10 9 8 7 6 5 4 3 2 1

ERWPAB3002XX

Network Protocol
E=Ethernet

Product Type
R=Receptacle

2nd Connector Type
P=Std RJ45

Wiring Scheme
A=4 Pole

Receptacle Gender, Style and Mounting Means
B30-M12xM16, BACK PANEL

Cable type
02=24AWG, STANDED TINNED COPPER
PVC, BLACK

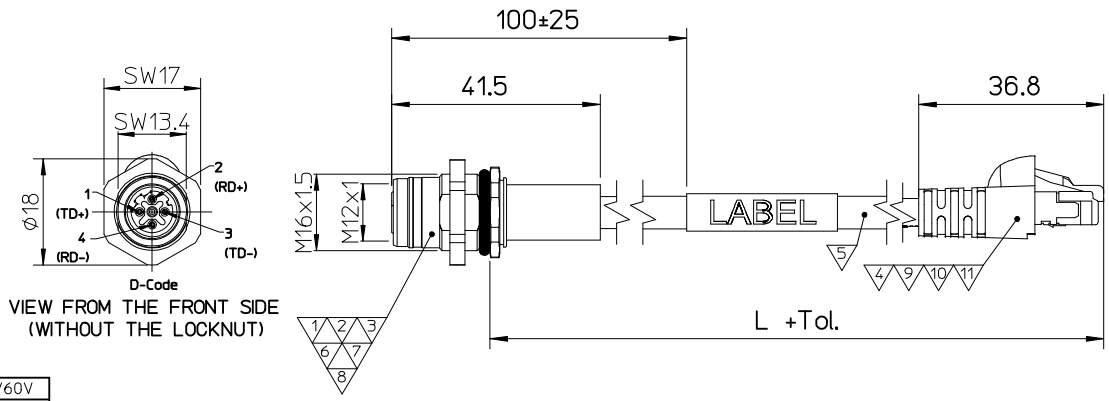
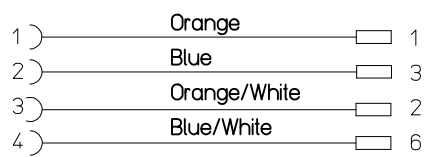
LENGTH
Example:
020 - 2M
060 - 6M
100 - 10M

1st Connector Type
W=M12 Ultra Lock connector

CHART 1

MOLEX PN	ENGINEERING NO	L [mm]	Tol. [mm]
1300540020	ERWPAB3002M005	500	±15
1300580025	ERWPAB3002M010	1000	±25
1300540021	ERWPAB3002M020	2000	±25
1300540022	ERWPAB3002M030	3000	±25
1300540023	ERWPAB3002M040	4000	±25
1300540024	ERWPAB3002M050	5000	±25
1300540027	ERWPAB3002M300	30000	+600/-0
1300540028	ERWPAB3002M350	35000	+600/-0

M12 Ultra-Lock RJ 45



CONNECTOR SPECIFICATION:

VOLTAGE RATING	3+4P 250 VAC/VDC / 5P/60V
AMPERAGE RATING	max. 4 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	-25°C TO 80°C

11	STRAIN RELIEF	BLACK	---
10	RJ45 PLUG	POLYCARBONATE,CLEAR	---
9	BACK PANEL	M12 FE	---
8	CABLE SLEEVE	10X25	---
7	GASKET	FPM 7.1X1X35	---
6	O-RING	NBR 70 BLK	---
5	CABEL	1202090966	---
4	OVERMOULDING	EPOXY BLACK (ER2188K5K	---
4	OVERMOULDING	EPOXY BLACK (ER2188B)	---
3	LOCKNUT	1301830008	---
2	PIN CONTACT	COPPER ALLOY	NICKEL PLATED
1	INSERT	PUR	BLACK
ITEM	PART	MATERIAL	FINISH

VIEW DELETED
EC NO: IPG2015-1364
DRWN:FGAIK 2015/02/03
CHKD: MARZALEK 2015/02/03
APPR: MIWASIECZKO 2015/02/16

QUALITY SYMBOLS
=0
=0

REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.3	± ---
0 PLACE	± 0.5	± ---

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
MDYSZEWSKA	2012/11/26
CHECKED BY	DATE
HWALCZAK	2012/11/26
APPROVED BY	DATE
MIWASIECZKO	2013/11/28

MATERIAL NO.

SEE CHART 1

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
ULTRA-LOCK DC M12 TO RJ45 XXM

molex

DOCUMENT NO.
SD-130054-002

SHEET NO.
1 OF 1

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