PART No MATRIX

8	8	*	0	*	0	*	*	*	M	*	*	*	*	*

OPTIONS

88 = M12x2 DOUBLE ENDED

Poles:
3 = 3 POLES
4 = 4 POLES
5 = 5 POLES

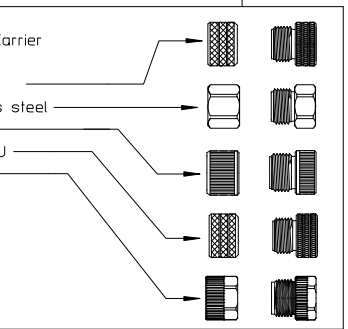
Header:
030 = FEMALE STRAIGHT - MALE STRAIGHT
020 = FEMALE STRAIGHT - MALE STRAIGHT WITH FEMALE NUT

(1) Cable:
E02 = PVC, 0.25mm², BLACK
E03 = PVC, 0.34mm², BLACK
H09 = PUR, 0.34mm², BLACK
H69 = PUR, 0.2mm², GRAY
I03 = PVC, 0.34mm², GRAY
I12 = PVC, 0.5mm², GRAY
I20 = PVC, 0.34mm², GRAY
I26 = PVC, 0.34mm², GRAY, SHLD
K03 = TPE, YELLOW
K05 = TPE, YELLOW
P03 = PUR, 0.34mm², BLACK
P04 = PUR, 0.5mm², BLACK
P12 = PVC, YELLOW
P20 = PUR, 034mm², BLACK
P82 = PUR, 0.34mm², ORANGE

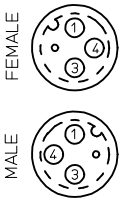
Unit:
M = meter
F = feet
A = inches
C = centimeters

Length:
Example:
010 = 1
050 = 5
100 = 10

(7) (3) (8)
H = 2pcs. of I/D Carrier
Couplin Nut:
Blank = KNU
1, 8 = Stainless steel
5 = DERLIN
7 = TEFLON KNU
9 = KNU/HEX
(6) Overmould:
Blank = Black
A = Gray
G = Black
Y = Yellow



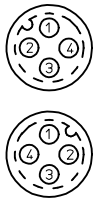
M12 3 POLE



VIEWS FROM THE WIRES SIDE

Pin	Wire color
1	BROWN
2	-
3	BLUE
4	BLACK

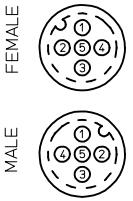
M12 4 POLE



VIEWS FROM THE WIRES SIDE

Pin	Wire color
1	BROWN
2	WHITE
3	BLUE
4	BLACK

M12 5 POLE

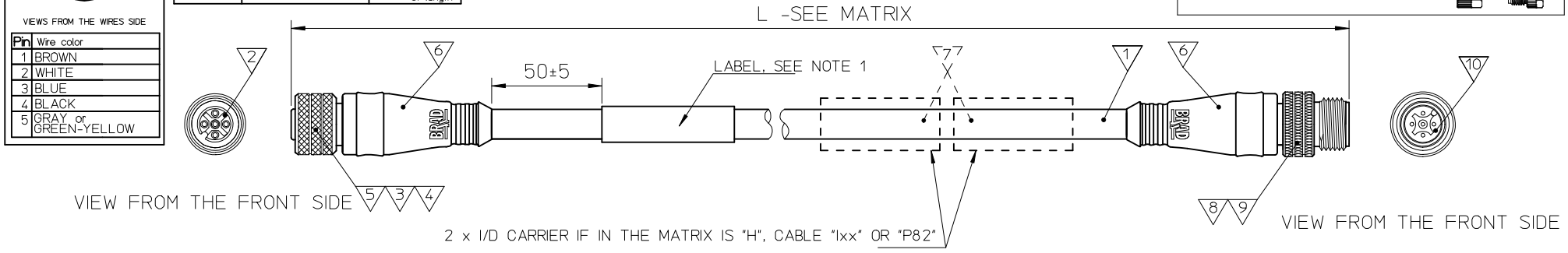


VIEWS FROM THE WIRES SIDE

Pin	Wire color
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GRAY or GREEN-YELLOW

Tablica tolerancji dlugosci
Table of length tolerances

Powyzej Over	Do-wlacznie Up to and including	Tolerancja (+) Tolerance
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% dlugosci of length



Bill of Materials

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
10	1	INSERT M12 MALE	SEE MATRIX	SEE MATRIX
9	-	CONTACT MALE	SEE MATRIX	SEE MATRIX
8	1	COUPLING NUT MALE M12	SEE MATRIX	SEE MATRIX
7	-	ID CARRIER	SEE MATRIX	SEE MATRIX
6	-	MOLDING MATERIAL	SEE MATRIX	SEE MATRIX
5	1	O-RING	FPM	RED
4	-	CONTACT FEMALE	SEE MATRIX	SEE MATRIX
3	1	COUPLING NUT FEMALE M12	SEE MATRIX	SEE MATRIX
2	1	INSERT M12 FEMALE	SEE MATRIX	SEE MATRIX
1	-	CABLE	SEE MATRIX	SEE MATRIX

NOTES:

1. LABEL ON THE CABLE
   FOR CABLES "Ixx" OVERPRINT ON THE CABLE

ORIGINAL RELEASE
EC NO: IPG2016-0305
DRWN:AKONDRACIUK 2015/08/28
CH'KD:FGAIK 2015/08/28
APPR:MIWASIECZKO 2015/09/16
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: AKONDRACIUK DATE: 2015/08/28
CHECKED BY: FGAIK DATE: 2015/08/28
APPROVED BY: MIWASIECZKO DATE: 2015/09/16
MATERIAL NO.: SEE MATRIX

TITLE: M12 DOUBLE ENDED FE STR / MA STR

molex

DOCUMENT NO.: SD-120066-061
SHEET NO.: 1 OF 1
SIZE: A3

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