

PART No MATRIX

OPTIONS

M12 3 POLE

FEMALE

MALE

VIEWS FROM THE WIRES SIDE

| Pin | Wire color |
|-----|------------|
| 1 | BROWN |
| 2 | - |
| 3 | BLUE |
| 4 | BLACK |

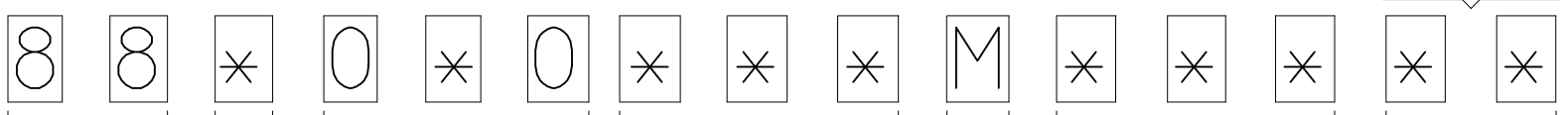
M12 4 POLE

FEMALE

MALE

VIEWS FROM THE WIRES SIDE

| Pin | Wire color |
|-----|------------|
| 1 | BROWN |
| 2 | WHITE |
| 3 | BLUE |
| 4 | BLACK |



88 = M12x2
DOUBLE ENDED

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

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, 0.34mm², BLACK
 P82 = PUR, 0.34mm², ORANGE

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

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

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

M12 5 POLE

FEMALE

MALE

VIEWS FROM THE WIRES SIDE

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

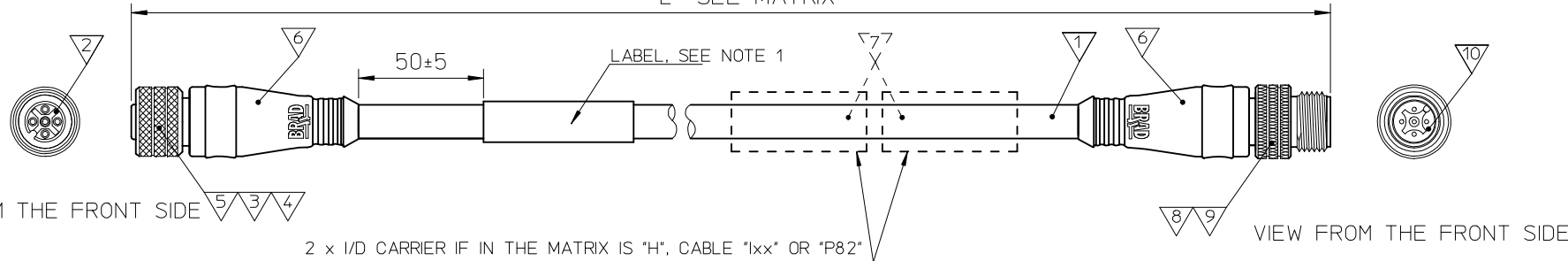
Tablica tolerancji dlugosci
Table of length tolerances

| 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 |

H = 2pcs. of I/D Carrier
Couplin Nut:
Blank = KNU
1, 8 = Stainless steel
5 = DERLIN
7 = TEFLON KNU
9 = KNU/HEX

Overmould:
Blank = Black
A = Gray
G = Black
Y = Yellow

L -SEE MATRIX



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 "1xx" OVERPRINT ON THE CABLE

| | | | | | | | |
|---|-----------------|--|---|--|-------------------------------------|------------------------|--|
| ORIGINAL RELEASE EC NO: IPG2016-0305 DRWN: AKONDRACIUK 2015/08/28 CHKD: FGAIK 2015/08/28 APPR: MIWASIECZKO 2015/09/16 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | ▼=0 ▽=0 | mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± --- | MM ONLY | --- | METRIC | | |
| | | ANGULAR ± 1 ° | DRAWN BY: AKONDRACIUK DATE: 2015/08/28 | TITLE | M12 DOUBLE ENDED FE STR / MA STR | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | CHECKED BY: FGAIK DATE: 2015/08/28 | APPROVED BY: MIWASIECZKO DATE: 2015/09/16 | | | |
| | | MATERIAL NO. SEE MATRIX | DOCUMENT NO. SD-120066-061 | | SHEET NO. 1 OF 1 | | |
| | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |