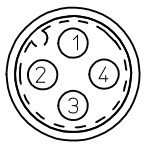
M12 3 POLE
FEMALE

VIEW FROM THE WIRES SIDE

Pin	WIRE COLOR
1	BROWN
2	-
3	BLUE
4	BLACK

M12 4 POLE
FEMALE



VIEW FROM THE WIRES SIDE

Pin	WIRE COLOR
1	BROWN
2	WHITE
3	BLUE
4	BLACK

M12 5 POLE
FEMALE

VIEW FROM THE WIRES SIDE

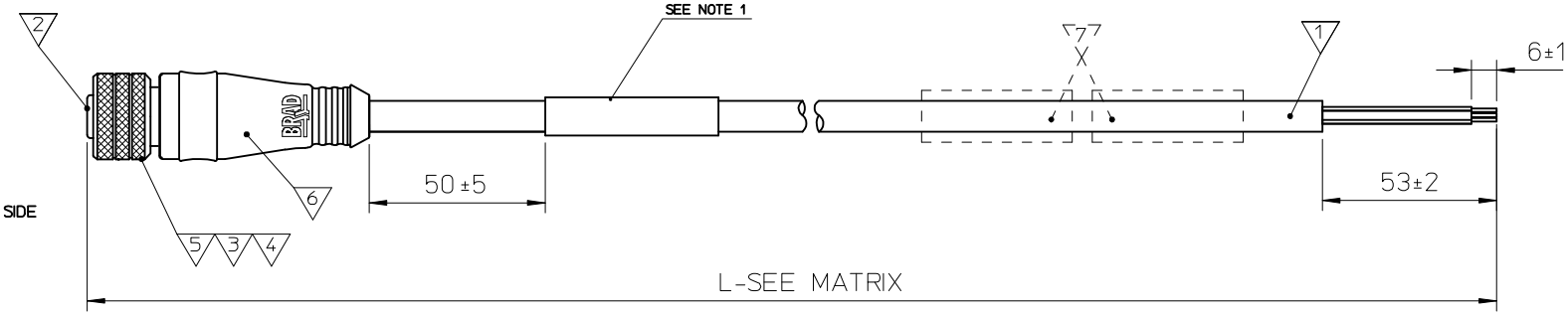
Pin	WIRE COLOR
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GREY

8 0 X 0 0 0 X X X X X X X

- 8 0: Thread M12x1 single ended
- X: 3 — Insert 3 ways P/N 1202080003 (2); 4 — Insert 4 ways P/N 1202080004 (2), Terminal P/N 1202060002 (4)
- 0 0 0: 000 Plug female straight
- X X X: Cable types (7)
  - E02 -PVC 0.25MM BK
  - E03 -PVC 0.34MM BK
  - E70 -PVC 0.34MM BK
  - H09 -PUR 0.34MM BK
  - H69 -PUR 0.2MM GY
  - I03 -PVC 0.34MM GY
  - I12 -PVC 0.5MM
  - I20 -PCV 0.34MM BK
  - I26 -PVC 0.34MM GY
  - K03 -TPE YELLOW
  - K05 -TPE YELLOW
  - P03 -PUR 0.34MM BK
  - P04 -PUR 0.5 MM BK
  - P12 -PVC YELLOW
  - P20 -PUR 034MM BK
  - P82 -PUR 0.34MM
  - A2
- X: Length unit — C-cm, M-m, K-km, F-feet
- X X X: Length — Value divided by 10, 250---->25
- □: Coupling (3) — blank and 3-standard P/N 1202070007; 1 stainless steel P/N 1202070026; 5-derlin P/N 1203290009; 7-teflon coat P/N 1202070014
- □: Plug material (6) — blank-standard (BLACK) P/N 0899921504 + P/N 0967550216; A-grey P/N 0899921504 + P/N 0967550211; G-black P/N 0899921504 + P/N 0967550216; Y-yellow P/N 0899921504 + P/N 0967550209; H-standard with 2xID carrier P/N 1203010001 (7)
- O-ring P/N 120204002 (5)

Table of length tolerances		
Over	Up to and including	Tolerance (+)
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% of length

VIEW FROM THE FRONT SIDE



NOTES:

1. FOR CABLES IXX PRINTING ON CABLE

Bill of Materials

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
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

ADDED CABLE TYPE
EC NO: IPG2016-0807 2015/12/01
DRWN:MMAJGAT 2015/12/01
CH'KD:AKONDRACIUK 2016/02/17
APPR:MIWASIECZKO
DESCRIPTION
REV
A2

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: 2015/08/24
CHECKED BY: FGAIK DATE: 2015/08/24
APPROVED BY: MIWASIECZKO DATE: 2015/08/31

TITLE: M12 SINGLE ENDED FEMALE STR

molex

MATERIAL NO.: SEE MATRIX
DOCUMENT NO.: SD-120065-105
SHEET NO.: 1 OF 1
SIZE: A3

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