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

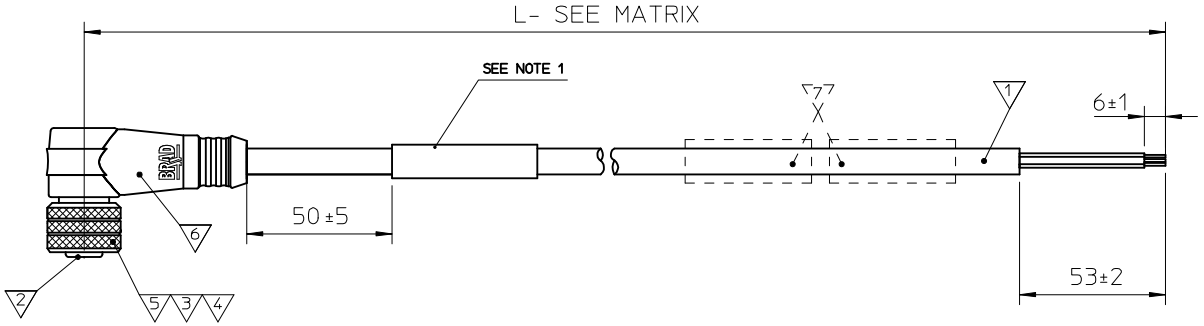
VIEW FROM THE WIRES SIDE

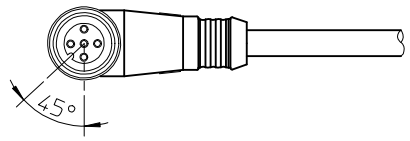
Pin	WIRE COLOR
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GREY

8	0	X	0	0	1	X	X	X	X	X	X	X		

- Thread M12x1 single ended
- O-ring P/N 1202040002 (5)
- 3: Insert 3 ways P/N 1202080003 (2); 4: Insert 4 ways P/N 1202080004 (2); Terminal P/N 1202060002 (4)
- 001 Plug female 90° angle
- Cable types (1): E02 -PVC 0,25MM BK; E03 -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
- Length unit: C-cm; M-m; K-km; F-feet
- Length: Value divided by 10, 250---->25
- Coupling (3): blank and 3-standard P/N 1202070007; 1 stainless steal 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)

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

CHANGED CABLE TYPES
EC NO: IPG2016-0474 2015/09/28
DRWN:AKONDRACIUK 2015/09/28
CHKD:MMAJGAT 2015/10/09
APPR:MIWASIECZKO
DESCRIPTION
REV

A1

QUALITY SYMBOLS
▼=0
▽(C)=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: 2015/08/22
CHECKED BY: FGAIK DATE: 2015/08/24
APPROVED BY: MIWASIECZKO DATE: 2015/08/31

TITLE: M12 SINGLE ENDED FEMALE 90

molex

MATERIAL NO.: SEE MATRIX
DOCUMENT NO.: SD-120065-103
SHEET NO.: 1 OF 1
SIZE: A3

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