

F

F

E

E

D

D

C

C

B

B

A

A

10

9

8

7

6

5

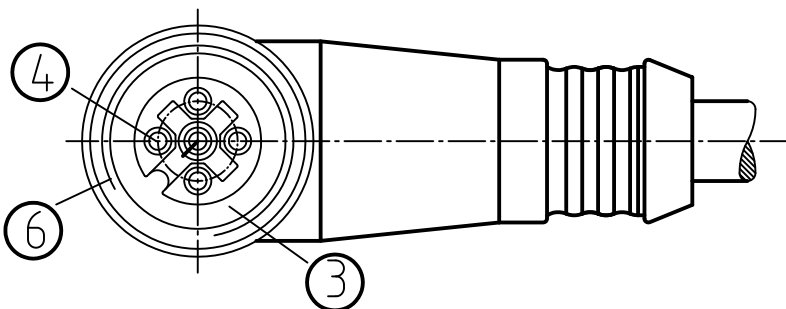
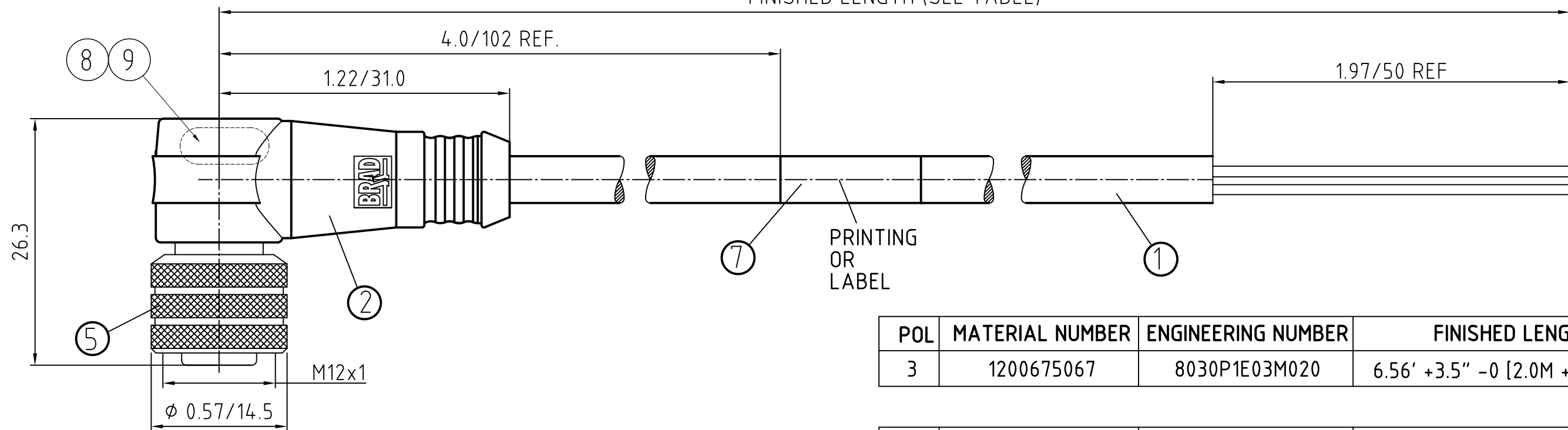
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3

2

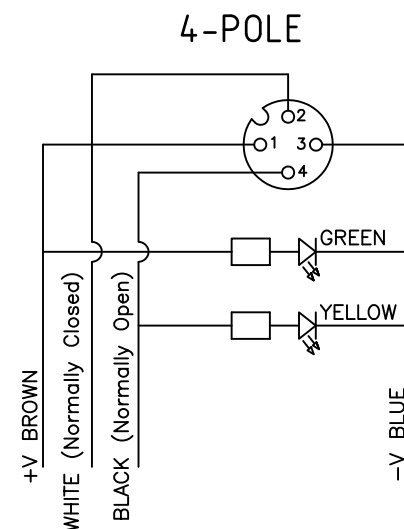
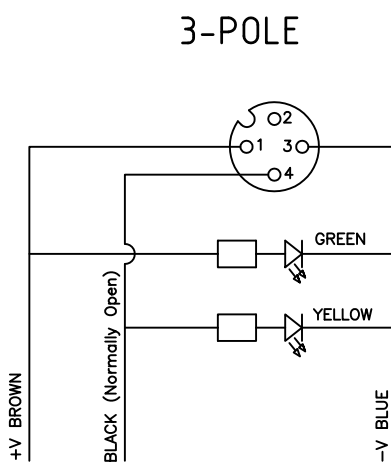
1

FINISHED LENGTH (SEE TABLE)



CONNECTOR SPECIFICATION:

VOLTAGE RATING	10 TO 30VDC
AMPERAGE RATING	max. 4 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	FLEXING: -5°C TO +80°C STATIC: -30°C TO +80°C



FEMALE FACE VIEW	FEMALE FACE VIEW
3-POLE	4-POLE
WIRING DIAGRAM	WIRING DIAGRAM
1 BROWN 2 NOT USED 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK

ITEM	COMPONENT	MATERIAL	FINISH
9	LED		GREEN
8	LED		YELLOW
7	LABLE	MYLAR	BLACK/YELLOW
6	O-RING	VITON	RED
5	COUPLER	BRASS	NICKEL PLATED
4	PIN CONTACT	COPPER ALLOY	GOLD OVER NICKEL
3	INSERT	PUR	BLACK
2	OVERMOLD	POLYURETHANE (PUR)	TRANSP.
1	CABLE- 22/3-5 (COPPER STRANDING) 3/4/5 CONDUCT. 300V	JACKET: PUR	BLACK

DESCRIPTION EC NO: WEU2010-0318 DRWN:BBRAUCH 2010/02/03 CHKD:NS APPR: NSTAUDIG 2010/02/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		= 0 = 0		mm	INCH	DRAWN BY DATE BBRAUCH 2010/02/03		MMC 3/4POL FE 90 PNP 22/4 BLACK PUR CABLE ----			
			4 PLACES	±---	±---	CHECKED BY DATE NS 2010/02/04					
			3 PLACES	±---	±---	APPROVED BY DATE NSTAUDIG 2010/02/04					
			2 PLACES	±---	±0.1	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-120067-017		SHEET NO. 1 OF 1	
			1 PLACE	±0.3	±---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
ANGULAR ± --- °											
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3						

10

9

8

7

6

5

4

3

2

1

10

3-POLE

9

4-POLE

8

3-POLE

WIRING DIAGRAM

1 BROWN
2 NOT USED
3 BLUE
4 BLACK

7

4-POLE

WIRING DIAGRAM

1 BROWN
2 WHITE
3 BLUE
4 BLACK

6

PART No MATRIX

8

0

X

0

P

1

X

X

X

M

X

X

X

X

8=Micro Change

0= Portable Change

3=3 Core 4=4 Core

0P1 = PNP female 90°

CABLE TYPES

02=0,25mm², PVC black

03= 0,34mm², PVC black

E13 = 0,75mm², PVC yellow

E52 = 0,34mm², PVC grey (RAL7001)

E57 = 0,34mm², PVC grey (RAL7001)

H09 = 0,34mm², PUR black

H69 = 0,2mm², PUR grey LSOH SCR

I02 = 0,25mm², PVC grey CEI

I03 = 0,34mm², PVC grey CEI

I20 = 0,34mm², PVC grey CEI SCR DC

I26 = 0,34mm², PVC grey CEI SCR AC

P02 = 0,25mm², PUR/PVC black

P03 = 0,34mm², PUR/PVC black

P08 = 0,25mm², PUR yellow HIFLEX

P20 = 0,34mm², PUR black LSOH braid

P82 = 0,34mm², PUR orange irradiated DC

S20 = 0,34mm², PVC yellow SJTO braid

S26 = 0,34mm², PVC yellow SJTO braid AC

LENGTH

020-2 METRES

050-5 METRES

200-20 METRES

COUPLING NUT

blank and 3-standard (BRASS)

1 - STAINLESS STEEL

5 - DELRIN

7 - TEFLON COAT

H-ID CARRIER

5

9 GREEN LED

8 YELLOW LED

BRAD LOGO-CLEAR OVERMOULD

4

31.0 REF

50 REF

50 REF

26.3 REF

M12x1

45°

FRONT SIDE VIEW

3

Table of lenght 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 lenght

2

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1

ITEM COMPONENT MATERIAL FINISH

9	LED	GREEN
8	LED	YELLOW
7	LABEL	---
6	O-RING	VITON
5	COUPLER	---
4	PIN CONTACT	COPPER ALLOY
3	INSERT	PUR
2	OVERMOLD	PUR
1	CABLE	SEE TABLE

6

ORIGINAL RELEASE

EC NO: IPG2013-1021

DRWN:HWALCZAK 2012/11/24

CHKD:JMARSZALEK 2013/01/14

APPR:MIWASIECZKO 2013/01/15

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

DIMENSION STYLE

SCALE

DESIGN UNITS

FIRST ANGLE PROJECTION

TITLE

CSE M12 PNP XP AC FE

RA XM SE

DOCUMENT NO.

SD-120067-035

SHEET NO.

1 OF 2

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ib_frame_A3_P_ME_F
Rev E1 2012/01/25

