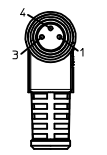


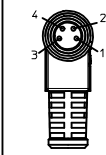
FACE VIEWS

M8 3 POLE



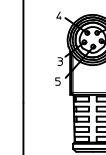
Pin #.	Wire
1	Brown
2	-
3	Blue
4	Black
5	-

M8 4 POLE



Pin #.	Wire
1	Brown
2	White
3	Blue
4	Black
5	-

M8 5 POLE



Pin #.	Wire
1	Brown
2	White
3	Blue
4	Black
5	Grey

NUMERICAL CODE

4

0

X

0

0

1

X

X

X

M

X

X

X

40 = M8x1
single ended

poles:
3 = 3 poles
4 = 4 poles
5 = 5 poles

header:
001 = plug female 90° right

Cable:
B41 = 0,25mm², TPU BLACK

M = meter

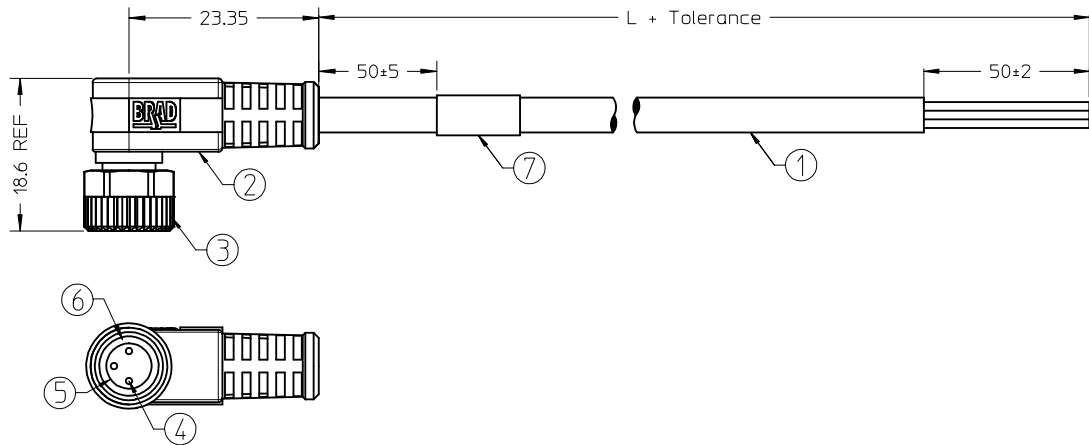
length:
Example
020 = 2 m

Table of length tolerances		
Over	Up to and including	Tolerance (+)
0	1000	+40 0
1000	5000	+60 0
5000	10000	+80 0
10000	20000	+140 0
20000	30000	+160 0
30000	>	+1 % of length

FEMALE RIGHT ANGLED PLUG
M8 PLUG

NOTES

Temperatur Range	-25°C/+80°C
Contact Current Rating	3A
Voltage Rating	3 poles 60V
	4-5 poles 30V
Protection class	IP 67



Bill of Materials

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
7	1	LABEL	-	-
6	1	GASKET	FKM	RED
5	1	M8 FEMALE INSERT	ELASTOLLAN	BLACK
4	X	CONTACT FEMALE	BRASS	Cu/Ni
3	1	M8 HEX KNU FEMALE NUT	BRASS	NI3
2	-	MOLDING NATURAL	TPU	BLACK
1	-	CABLE Xx0.25 [mm²]	TPU	BLACK

REVISED SD NUMBER IEC NO: IPGZ015-1530 2015/02/26 DRWN:MMAGAT 2015/02/26 CHKD:USTACHOWIAK 2015/02/26 APPR:MIWASIECZKO 2015/02/26	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---		mm INCH ± --- ± --- ± --- ± --- ± --- ± --- ± --- ± ---		DRAWN BY DATE WSTRASZKIEWI 2014/09/02		TITLE CSE M8 XP AC FE RA TPU XM			
	ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE 1		APPROVED BY DATE MIWASIECZKO 2014/09/08		molex			
	REV B1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DOCUMENT NO. SD-120086-010		SHEET NO. 1 OF 2			

TABLE 1

MOLEX PN	ENGINEERING No.
1200868667	403001B41M010
1200868668	403001B41M020
1200868669	403001B41M050
1200868670	403001B41M100
1200868671	404001B41M010
1200868672	404001B41M020
1200868673	404001B41M050
1200868674	404001B41M100
1200868675	405001B41M010
1200868676	405001B41M020
1200868677	405001B41M050
1200868678	405001B41M100

CABLE SPECIFICATION

CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	static	flexing	drag chain tested	other
B41	0.25mm ²	TPU black	STYLE 21215	yes	-40°C to +90°C 5xD	-25°C to +80°C 7.5xD	5 mio cycles	WELD SLAG RESISTANCE

For Raw Cable Specification see SD-120209-006

REVISED SD NUMBER EC NO: IPG2015-1530 DRWN: MAJGAT 2015/02/26 CHKD: OSTACHOWIAK 2015/02/26 APPR: MIWASIECZKO 2015/02/26	DESCRIPTION B1	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm INCH	DRAWN BY DATE WSTRASZKIEWI 2014/09/03	TITLE CSE M8 XP AC FE RA TPU XM				
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---	CHECKED BY DATE JMARSZALEK 2014/09/03	molex					
		ANGULAR ± 1 °	APPROVED BY DATE MIWASIECZKO 2014/09/08						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE 1	DOCUMENT NO. SD-120086-010	SHEET NO. 2 OF 2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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[211-19149P](#) [6131-216-19149P](#) [6131-259-21149P](#) [6131-259-23149P](#) [6131-265-17149P](#) [6131-265-19149P](#) [CS3100A18-1P-472](#) [CS3100A-36-](#)
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[CS3106A10SL3S004](#) [CS3106A-18-73S](#) [CS3108A-14S-52S](#) [CS3108A-28-51S](#) [6162-233-1277](#) [6162-324-1231](#) [M243082296Z](#)
[M2884010AC1S1](#) [CT0-24-10SC](#) [CT0M20-7PCAU](#) [M28840/17AC1G3](#)