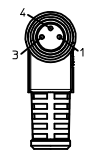


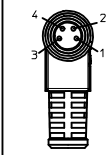
FACE VIEWS

**M8 3 POLE**



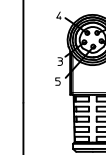
Pin #.	Wire
1	Brown
2	-
3	Blue
4	Black
5	-

**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 = 0,25mm<sup>2</sup>, TPU BLACK

M = meter

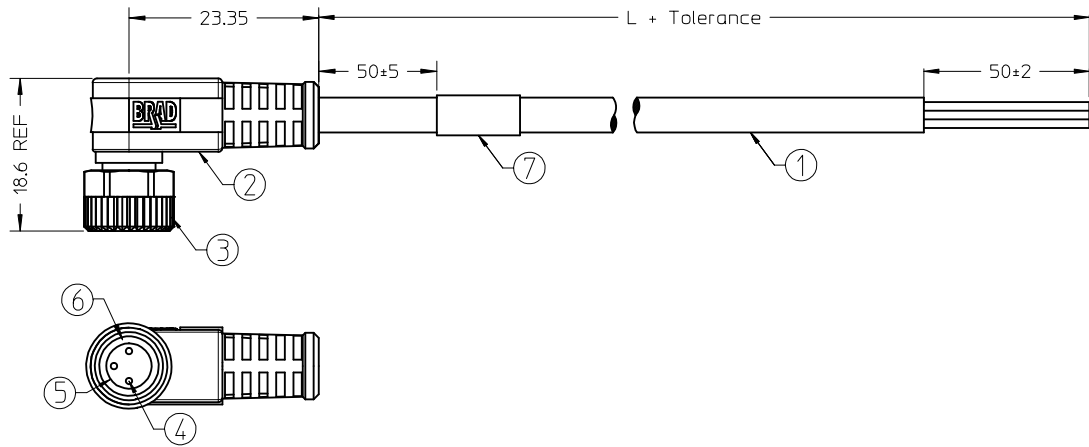
length:  
Example 020 = 2 m

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

<p>REVISED SD NUMBER</p> <p>IEC NO: IEC 60320-1330 2015/02/26</p> <p>DRWN:MMAGAT 2015/02/26</p> <p>CHKD:USTACHOWIAK 2015/02/26</p> <p>APPR:MIWASIECZKO 2015/02/26</p>	QUALITY SYMBOLS	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> <tr><td>0 PLACE</td><td>± ---</td><td>± ---</td></tr> </tbody> </table> <p>ANGULAR ± 1 °</p> <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	0 PLACE	± ---	± ---	<p>DIMENSION STYLE</p> <p>MM ONLY</p> <p>DRAWN BY DATE</p> <p>WSTRASZKIEWI 2014/09/02</p> <p>CHECKED BY DATE</p> <p>JMARSZALEK 2014/09/02</p> <p>APPROVED BY DATE</p> <p>MIWASIECZKO 2014/09/08</p>	<p>SCALE</p> <p>---</p>	<p>DESIGN UNITS</p> <p>METRIC</p>	<p>THIRD ANGLE PROJECTION</p>
			mm	INCH																				
	4 PLACES		± ---	± ---																				
	3 PLACES		± ---	± ---																				
2 PLACES	± ---	± ---																						
1 PLACE	± ---	± ---																						
0 PLACE	± ---	± ---																						
			<p>TITLE</p> <p>CSE M8 XP AC FE RA</p> <p>TPU XM</p>																					
			<p>MATERIAL NO.</p> <p>SEE TABLE 1</p>			<p>DOCUMENT NO.</p> <p>SD-120086-010</p>																		
			<p>SIZE</p> <p>A3</p>			<p>SHEET NO.</p> <p>1 OF 2</p>																		


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 <sup>2</sup>	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	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	DRAWN BY: WSTRASZKIEWI 2014/09/03 CHECKED BY: JMARSZALEK 2014/09/03 APPROVED BY: MIWASIECZKO 2014/09/08	TITLE	CSE M8 XP AC FE RA TPU XM
		ANGULAR ± 1 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE 1	MATERIAL NO.	DOCUMENT NO.			SHEET NO.
					SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
					A3				2 OF 2