

Mating face view:

Shield connected to the housing

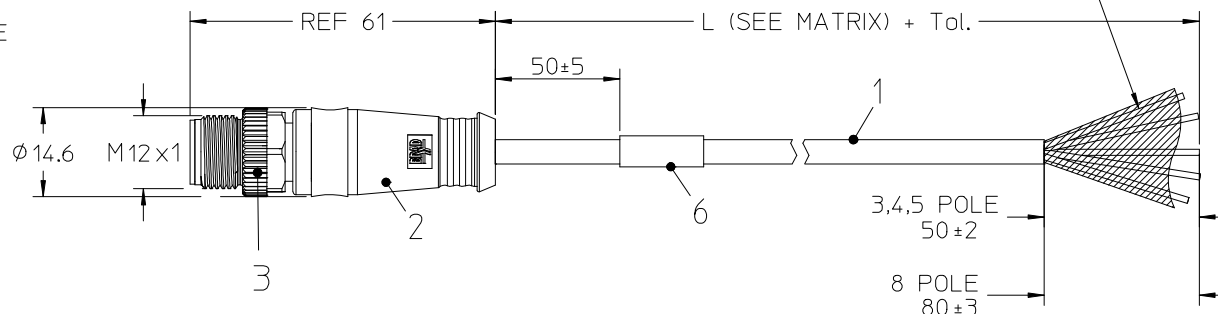
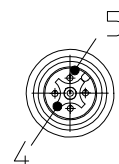
M12S 3 POLE	M12S 4 POLE	M12S 5 POLE	M12S 8 POLE
PIN # WIRE	PIN # WIRE	PIN # WIRE	PIN # WIRE
1 BROWN	1 BROWN	1 BROWN	1 WHITE
2 -	2 WHITE	2 WHITE	2 BROWN
3 BLUE	3 BLUE	3 BLUE	3 GREEN
4 BLACK	4 BLACK	4 BLACK	4 YELLOW
		5 GREY	5 GREY
			6 PINK
			7 BLUE
			8 RED

CODING REQUIRED TO
IEC 61076-2-101

NOTES:

CONTACT CURRENT RATING: 3-5 POLES 4A
8 POLES 2A
VOLTAGE RATING: 3-4 POLES 250V
5 POLES 60V
8 POLES 30V
PROTECTION CLASS: IP 67

VIEW FROM
THE FRONT SIDE



NUMERICAL CODE

8	0	X	S	0	6	B	S	X	M	X	X	X
80 = M12x1 single ended		Poles: 3 = 3 poles 4 = 4 poles 5 = 5 poles 8 = 8 poles		Header: S06 = plug shield male straight		Cable: BS1 = 0,34mm², TPU black BS2 = 0,25mm², TPU black		M = meter		Length: Example 010 = 1 m 050 = 5 m 100 = 10 m		

SHIELD THE SAME LENGTH AS THE WIRES

CABLE SPECIFICATION

CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	Temp. range static	Temp. range dynamic	drag chain	shield	other information
BS1 3P,4P,5P	0.34mm²	TPU black	STYLE 21215	yes	-40°C to +90°C 5xD	-25°C to +80°C 7.5xD	5 mio cycles	braid	WELD SLAG RESISTANCE
BS2 8P	0.25mm²	TPU black	STYLE 21215	yes	-40°C to +90°C 5xD	-25°C to +80°C 7.5xD	5 mio cycles	braid	WELD SLAG RESISTANCE

For Raw Cable Specification see SD-120209-003

Bill of Materials

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
6	1	LABEL	-	-
5	1	INSERT XP MALE M12 SHIELD	PUR	BLACK
4	-	PIN MALE	BRASS	GOLD OVER NICKEL
3	1	KNU/HEX NUT M12 MALE	BRASS	CuNi3B
2	-	MOLDING NATURAL	TPU	BLACK
1	-	CABLE	SEE SPECIFICATION	-

CORRECT DIMENSION EC NO: IPG2016-1487 DRWN:MAJGAT 2016/05/05 CHKD:AKONRAC IUK 2016/05/05 APPR:MIWASIECZKO 2016/05/06	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 DRAWN BY DATE JMARZSALEK 2014/09/20 CHECKED BY DATE WSTRASZKIEWI 2014/09/20 APPROVED BY DATE MIWASIECZKO 2014/12/11 MATERIAL NO. SEE TABLE (SHEET 2)	SCALE --- DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE CSE M12 XP AC MA STR TPU XXM SE SHLD BK molex DOCUMENT NO. SD-120069-008 SHEET NO. 1 OF 2

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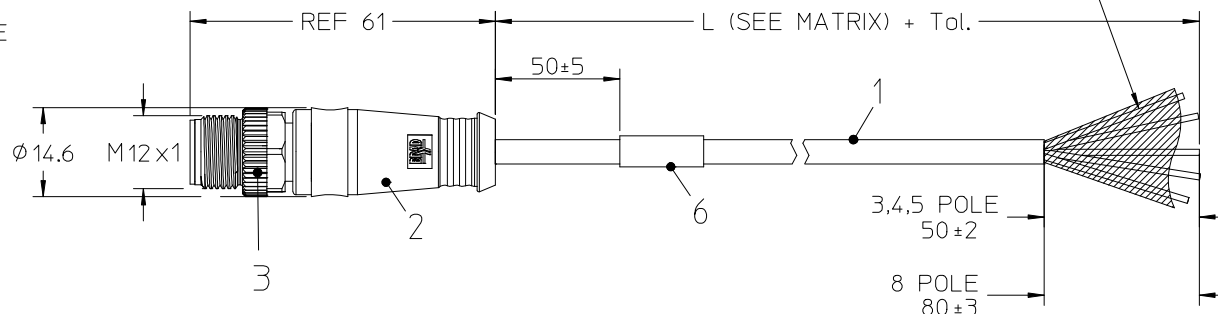
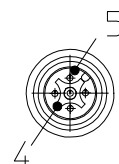
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3 BLUE	3 BLUE	3 BLUE	3 GREEN
4 BLACK	4 BLACK	4 BLACK	4 YELLOW
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PART LIST

MOLEX PN	ENGINEERING No	L[mm]
1200698541	808S06BS2M100	10000
1200698613	803S06BS1M010	1000
1200698614	803S06BS1M020	2000
1200698615	803S06BS1M050	5000
1200698616	803S06BS1M100	10000
1200698617	804S06BS1M010	1000
1200698618	804S06BS1M020	2000
1200698619	804S06BS1M050	5000
1200698620	804S06BS1M100	10000
1200698621	805S06BS1M010	1000
1200698622	805S06BS1M020	2000
1200698623	805S06BS1M050	5000
1200698624	805S06BS1M100	10000
1200698625	808S06BS2M010	1000
1200698626	808S06BS2M020	2000
1200698627	808S06BS2M050	5000
1200698760	805S06BS1M004	400
1200698846	805S06BS1M007	700
1200698845	805S06BS1M070	7000

CORRECT DIMENSION ON SHEET 1 EC NO: IPG2016-1487 DRWN:MMAJGAT 2016/05/05 CHKD:AKONDRAC I UK APPR:MIWASIECZKO 2016/05/06 B3	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY AKONDRAC I UK	DATE 2015/08/06	TITLE CSE M12 XP AC MA STR TPU XXM SE SHLD BK				
			4 PLACES	± ---	± ---	CHECKED BY MMAJGAT	DATE 2015/08/06					
			3 PLACES	± ---	± ---	APPROVED BY		DOCUMENT NO. SD-120069-008		SHEET NO. 2 OF 2		
			2 PLACES	± ---	± ---							
			1 PLACE	± ---	± ---	molex						
			0 PLACE	± ---	± ---							
			ANGULAR ± 1 °									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE (SHEET 2)						
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

PART LIST

MOLEX PN	ENGINEERING No	L[mm]
1200698541	808S06BS2M100	10000
1200698613	803S06BS1M010	1000
1200698614	803S06BS1M020	2000
1200698615	803S06BS1M050	5000
1200698616	803S06BS1M100	10000
1200698617	804S06BS1M010	1000
1200698618	804S06BS1M020	2000
1200698619	804S06BS1M050	5000
1200698620	804S06BS1M100	10000
1200698621	805S06BS1M010	1000
1200698622	805S06BS1M020	2000
1200698623	805S06BS1M050	5000
1200698624	805S06BS1M100	10000
1200698625	808S06BS2M010	1000
1200698626	808S06BS2M020	2000
1200698627	808S06BS2M050	5000
1200698760	805S06BS1M004	400
1200698846	805S06BS1M007	700
1200698845	805S06BS1M070	7000

CORRECT DIMENSION ON SHEET 1

EC NO: IPG2016-1487

DRWN:MMAJGAT 2016/05/05

CHKD:AKONDRAC I UK

APPR:MIWAS IECZKO 2016/05/06

B3

REV

DESCRIPTION

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

DRAWN BY

AKONDRAC I UK

DATE

2015/08/06

CHECKED BY

MMAJGAT

DATE

2015/08/06

APPROVED BY

DATE

MATERIAL NO.

SEE TABLE (SHEET 2)

SIZE

A3

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SCALE

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

CSE M12 XP AC MA STR
TPU XXM SE SHLD BK

molex

DOCUMENT NO.

SD-120069-008

SHEET NO.

2 OF 2