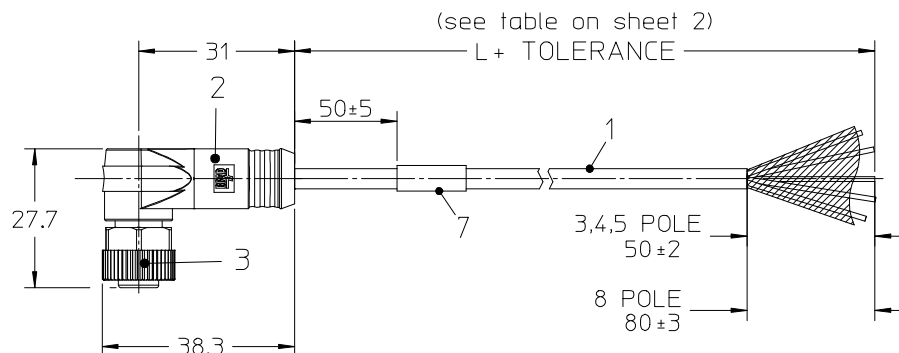
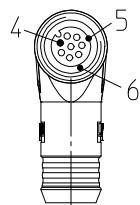


RIGHT ANGLE PLUG M12 FEMALE

VIEW FROM
THE FRONT SIDE



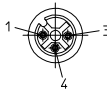
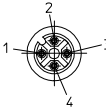
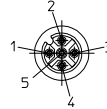
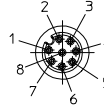
NOTES:

TEMPERATURE RANGE	SEE TABLE ON PAGE 2
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

TOLERANCES:	
≤ 1m	+40 mm
1m - 5m	+60 mm
5m - 10m	+80 mm
> 10m	+140 mm
> 20m	+160 mm
> 30m	+1%

Mating face view:

Shield connected to the housing

M12S 3 POLE	M12S 4 POLE	M12S 5 POLE	M12S 8 POLE																																																						
																																																									
<table><tr><th>PIN #</th><th>WIRE</th></tr><tr><td>1</td><td>BROWN</td></tr><tr><td>2</td><td>-</td></tr><tr><td>3</td><td>BLUE</td></tr><tr><td>4</td><td>BLACK</td></tr><tr><td>5</td><td>-</td></tr></table>	PIN #	WIRE	1	BROWN	2	-	3	BLUE	4	BLACK	5	-	<table><tr><th>PIN #</th><th>WIRE</th></tr><tr><td>1</td><td>BROWN</td></tr><tr><td>2</td><td>WHITE</td></tr><tr><td>3</td><td>BLUE</td></tr><tr><td>4</td><td>BLACK</td></tr><tr><td>5</td><td>-</td></tr></table>	PIN #	WIRE	1	BROWN	2	WHITE	3	BLUE	4	BLACK	5	-	<table><tr><th>PIN #</th><th>WIRE</th></tr><tr><td>1</td><td>BROWN</td></tr><tr><td>2</td><td>WHITE</td></tr><tr><td>3</td><td>BLUE</td></tr><tr><td>4</td><td>BLACK</td></tr><tr><td>5</td><td>GREY</td></tr></table>	PIN #	WIRE	1	BROWN	2	WHITE	3	BLUE	4	BLACK	5	GREY	<table><tr><th>PIN #</th><th>WIRE</th></tr><tr><td>1</td><td>WHITE</td></tr><tr><td>2</td><td>BROWN</td></tr><tr><td>3</td><td>GREEN</td></tr><tr><td>4</td><td>YELLOW</td></tr><tr><td>5</td><td>GREY</td></tr><tr><td>6</td><td>PINK</td></tr><tr><td>7</td><td>BLUE</td></tr><tr><td>8</td><td>RED</td></tr></table>	PIN #	WIRE	1	WHITE	2	BROWN	3	GREEN	4	YELLOW	5	GREY	6	PINK	7	BLUE	8	RED
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8	RED																																																								
CODING REQUIRED TO IEC 61076-2-101																																																									

Bill of Materials

ITEM	QTY.	DESCRIPTION	DESIGN UNITS	MATERIAL	FINISH
7	1	LABEL	-	-	-
6	1	O-RING	FPM		RED
5	1	INSERT XP FEMALE M12 SHIELD	PUR		BLACK
4	X	CONTACT FEMALE	BRASS		GOLD OVER NICKEL
3	1	GNU/HEX NUT M12 FEMALE	BRASS		CuNi30
2	-	MOLDING NATURAL	TPU		BLACK
1	-	CABLE	SEE TABLE (SHEET 2)		-
ITEM	QTY.	DESCRIPTION	MATERIAL		FINISH

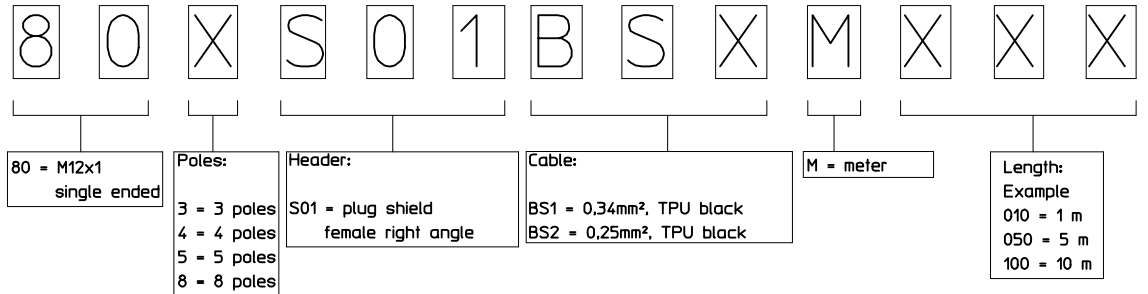
DIMENSION CHANGED EC NO: IPG2015-0505 DRWN:WSTRASZKIEWI 2014/09/19 CHKD:JMARSZALEK 2014/09/19 APPR:MIWASIECZKO 2014/12/11	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					DRAWN BY	DATE	TITLE CSE M12 XP AC FE 90 TPU XXM SE SHLD BK				
					CHECKED BY	DATE					
					FGAIK	2014/06/03					
					APPROVED BY	DATE					molex
		MIWASIECZKO	2014/08/21								
ANGULAR ± 1 °		MATERIAL NO.		DOCUMENT NO. SD-120069-007			SHEET NO. 1 OF 2				
DRAFT WHERE APPLICABLE		SEE TABLE									
REV			MUST REMAIN WITHIN DIMENSIONS			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

PART LIST

MOLEX PN	ENGINEERING No.	CABLE LENGTH "L" IN M
1200698602	803S01BS1M010	1M
1200698603	803S01BS1M020	2M
1200698604	803S01BS1M050	5M
1200698605	803S01BS1M100	10M
1200698606	804S01BS1M010	1M
1200698485	804S01BS1M020	2M
1200698724	804S01BS1M030	3M
1200698486	804S01BS1M050	5M
1200698559	804S01BS1M100	10M
1200698560	804S01BS1M150	15M
1200698607	805S01BS1M010	1M
1200698608	805S01BS1M020	2M
1200698726	805S01BS1M030	3M
1200698542	805S01BS1M050	5M
1200698543	805S01BS1M100	10M
1200698609	808S01BS2M010	1M
1200698610	808S01BS2M020	2M
1200698611	808S01BS2M050	5M
1200698612	808S01BS2M100	10M

NUMERICAL CODE



CABLE SPECIFICATION

CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	static	flexing	drag chain tested	shield	other
BS1 3P,4P,5P	0.34mm ²	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	0.25mm ²	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

DIMENSION CHANGED EC NO: IPG2015-0505 DRWN:WSTRASZKIEWI 2014/09/19 CHKD:JMARSZALEK 2014/09/19 APPR:MIWASIECZKO 2014/12/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽=0	DESCRIPTION REV	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± --- ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY DATE WSTRASZKIEWI 2014/09/09 CHECKED BY DATE JMARSZALEK 2014/09/09 APPROVED BY DATE MIWASIECZKO 2014/09/11 MATERIAL NO. SEE TABLE	TITLE CSE M12 XP AC FE 90 TPU XXM SE SHLD BK molex SD-120069-007	DOCUMENT NO. SD-120069-007	SHEET NO. 2 OF 2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SIZE A3
	▽=0								