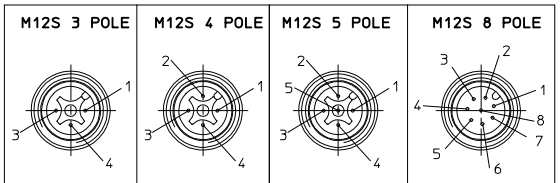
Mating face view:

Shield connected to the housing



PIN #	WIRE
1	BROWN
2	-
3	BLUE
4	BLACK

PIN #	WIRE
1	BROWN
2	WHITE
3	BLUE
4	BLACK

PIN #	WIRE
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GREY

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

CODING REQUIRED TO IEC 61076-2-101

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

NUMERICAL CODE

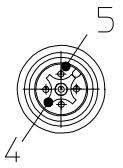
8	0	X	S	0	6	B	S	X	M	X	X	X

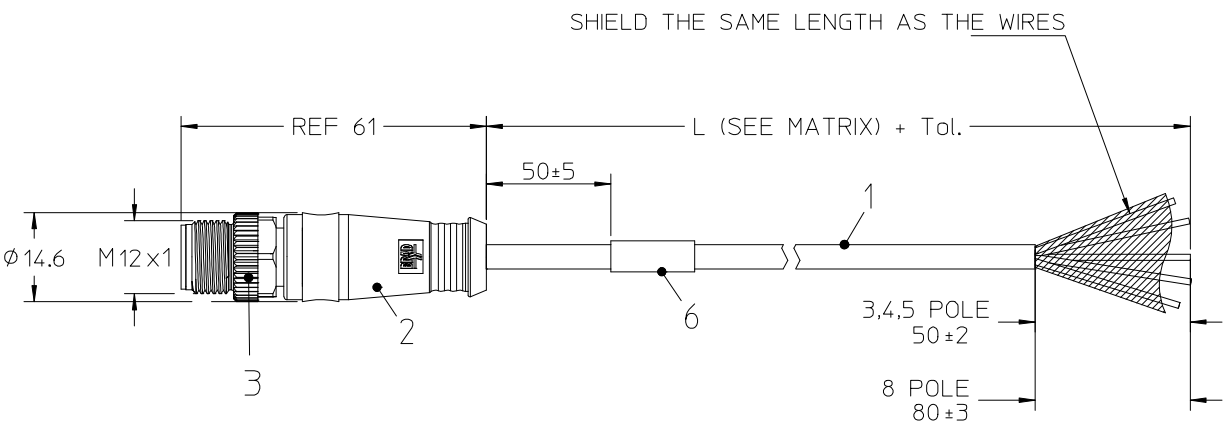
- 80 = M12x1 single ended
- Poles: 3 = 3 poles; 4 = 4 poles; 5 = 5 poles; 8 = 8 poles
- Header: S06 = plug shield male straight
- Cable: BS1 = 0,34mm², TPU black; BS2 = 0,25mm², TPU black
- M = meter
- Length: Example 010 = 1 m, 050 = 5 m, 100 = 10 m

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





CABLE SPECIFICATION

CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	Temp. range static Bending radius static	Temp. range dynamic Bending radius dynamic	drag chain tested	shield type	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 2016/05/05
DRWN:MMAJGAT 2016/05/05
CH'KD:AKONDRACIUK 2016/05/06
APPR:MIWASIECZKO
DESCRIPTION
REV
B3

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
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JMARSZALEK DATE: 2014/09/20
CHECKED BY: WSTRASZKIEWI DATE: 2014/09/20
APPROVED BY: MIWASIECZKO DATE: 2014/12/11
MATERIAL NO.: SEE TABLE (SHEET 2)

TITLE: CSE M12 XP AC MA STR TPU XXM SE SHLD BK

molex

DOCUMENT NO.: SD-120069-008
SHEET NO.: 1 OF 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 2016/05/05
DRWN:MMAJGAT CHKD:AKONDRACIUK APPR:MIWASIECZKO 2016/05/06
DESCRIPTION
REV
B3

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
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: AKONDRACIUK DATE: 2015/08/06
CHECKED BY: MMAJGAT DATE: 2015/08/06
APPROVED BY: DATE:

TITLE: CSE M12 XP AC MA STR TPU XXM SE SHLD BK

molex

MATERIAL NO.: SEE TABLE (SHEET 2)
DOCUMENT NO.: SD-120069-008
SHEET NO.: 2 OF 2
SIZE: A3

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