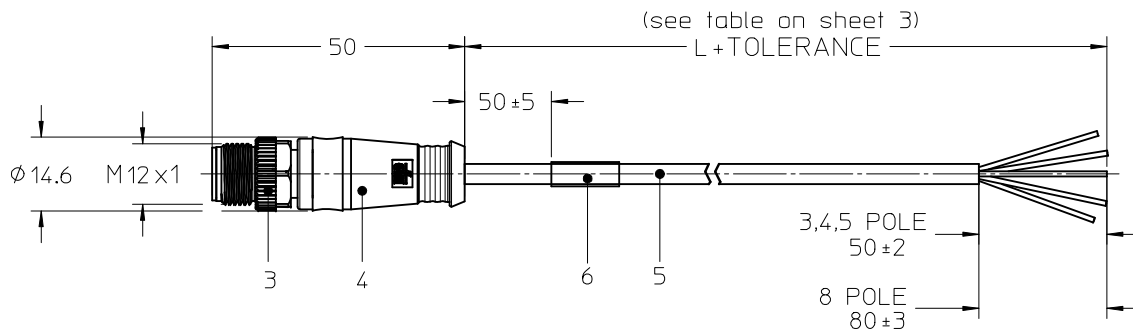
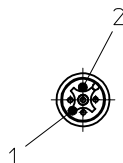


STRAIGHT PLUG MALE



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%

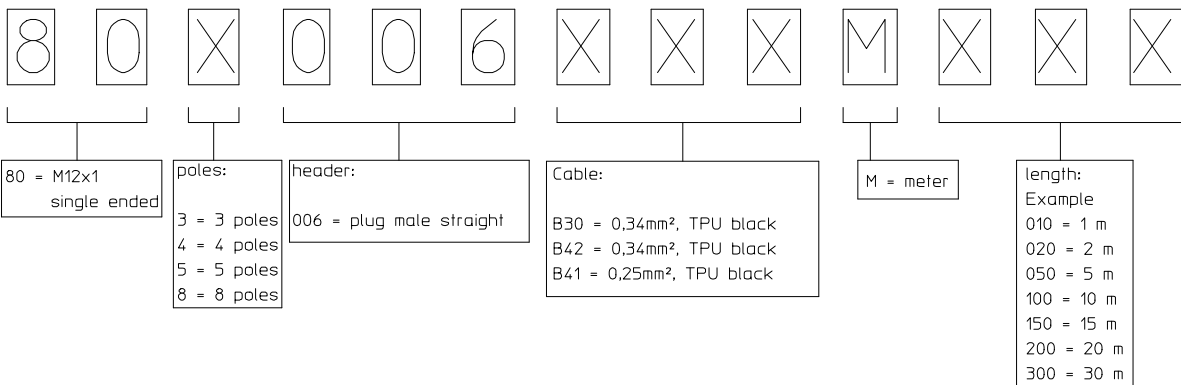
Mating face view:

3 WIRE	4 WIRE	5 WIRE	5 WIRE	8 WIRE
B30	B30	B30	B42	B41
PIN # WIRE	PIN # WIRE	PIN # WIRE	PIN # WIRE	PIN # WIRE
1 BROWN	1 BROWN	1 BROWN	1 BROWN	1 WHITE
2 -	2 WHITE	2 WHITE	2 WHITE	2 BROWN
3 BLUE	3 BLUE	3 BLUE	3 BLUE	3 GREEN
4 BLACK	4 BLACK	4 BLACK	4 BLACK	4 YELLOW
5 -	5 -	5 GREY	5 GREEN/YELLOW	5 GREY
				6 PINK
				7 BLUE
				8 RED
CODING REQUIRED TO IEC 61076-2-101				

6	LABEL	---	---
5	CABLE	SEE TABLE (SHEET 2)	---
4	OVERMOULDING	TPU	BLACK
3	COUPLING NUT MALE SW13	BRASS	NI PLATED
2	PIN CONTACT	BRASS	GOLD PLATED
1	INSERT	PA	BLACK
ITEM	DESCRIPTION	MATERIAL	FINISH

ENTER DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: IPG2015-0861		DRAWN: SCHAFHAUSER 2014/11/06		CHECKED BY: CHYKDRSILLER 2014/11/07		DATE: 2014/01/07		1:1		METRIC		THIRD ANGLE PROJECTION	
APPR: CBURGER 2014/11/14		DESCRIPTION		mm		INCH		DRAWN BY: FSCHAFHAUSER		DATE: 2014/03/06		TITLE: CSE M12 XP AC MA STR XM SE UNSH	
		4 PLACES		± ---		± ---		CHECKED BY: PMERUNKA		DATE: 2014/05/07		MATERIAL NO. SD-120065-073	
		3 PLACES		± ---		± ---		APPROVED BY: CBURGER		DATE: 2014/05/07		DOCUMENT NO. SD-120065-073	
		2 PLACES		± 0.05		± ---		SEE TABLE		SHEET NO. 1 OF 3			
		1 PLACE		± 0.30		± ---		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
		0 PLACE		± 0.50		± ---							
		ANGULAR ± 1 °											
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

NUMERICAL CODE (Available parts see table page 3 ff others on request.)



CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	static	flexing	drag chain tested	other
B30 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	WELD SLAG RESISTANCE
B42 5P								
B41 8P	0.25mm²	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 cable specification see on drawing SD-120209-001 (B30;B42) and SD-120209-006 (B41)

ENTER DESCRIPTION EC NO: IPG2015-0861 DRWN:FSCHAFHAUSER 2014/11/06 CHKD:RSILLER 2014/11/07 APPR:CBURGER 2014/11/14 4	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE CSE M12 XP AC MA STR XM SE UNSH molex	SHEET NO. 2 OF 3
				mm	INCH	DRAWN BY FSCHAFHAUSER	DATE 2014/01/07					
			4 PLACES	± ---	± ---	CHECKED BY PMERUNKA	DATE 2014/03/06					
			3 PLACES	± ---	± ---	APPROVED BY CBURGER	DATE 2014/05/07					
			2 PLACES	± 0.05	± ---							
			1 PLACE	± 0.30	± ---							
			0 PLACE	± 0.50	± ---							
			ANGULAR ± 1 °			MATERIAL NO.		DOCUMENT NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-120065-073				
						SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

PART LIST

PART NUMBER	NUMERICAL CODE	CABLE LENGTH "L" IN M
1200652271	803006B30M010	1M
1200652272	803006B30M020	2M
1200652273	803006B30M050	5M
1200652274	803006B30M100	10M
1200652275	804006B30M010	1M
1200652276	804006B30M020	2M
1200652277	804006B30M050	5M
1200652278	804006B30M100	10M
1200659440	804006B30M150	15M
1200659526	805006B30M010	1M
1200659527	805006B30M020	2M
1200659528	805006B30M050	5M
1200659529	805006B30M100	10M
1200652279	805006B42M010	1M
1200652280	805006B42M020	2M
1200652281	805006B42M050	5M
1200652282	805006B42M100	10M
1200659546	805006B42M200	20M
1200659547	805006B42M300	30M
1200652302	808006B41M010	1M
1200659453	808006B41M020	2M
1200652304	808006B41M050	5M
1200652305	808006B41M100	10M

ENTER DESCRIPTION
EC NO: IPG2015-0861
DRWN:FSCHAFHAUSER 2014/11/06
CHKD:RSILLER 2014/11/07
APPR:CBURGER 2014/11/14

REV
4

QUALITY SYMBOLS
▽=0
◻=0

DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.05 ± ---
1 PLACE ± 0.30 ± ---
0 PLACE ± 0.50 ± ---
ANGULAR ± 1 °
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY DATE
FSCHAFHAUSER 2014/01/07
CHECKED BY DATE
PMERUNKA 2014/03/06
APPROVED BY DATE
CBURGER 2014/05/07
MATERIAL NO.
SEE TABLE

SCALE
1:1
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION
TITLE
CSE M12 XP AC MA STR XM
SE UNSH
DOCUMENT NO.
SD-120065-073
SHEET NO.
3 OF 3

tb_frame_A3_P_AM_T
Rev E1 2012/01/25

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