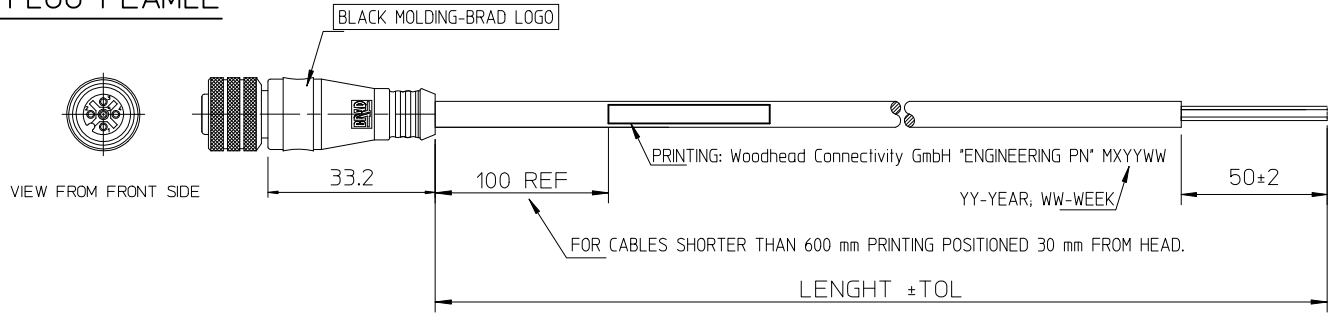


STRAIGHT PLUG FEAMLE

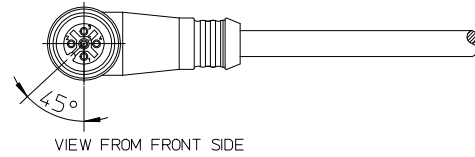
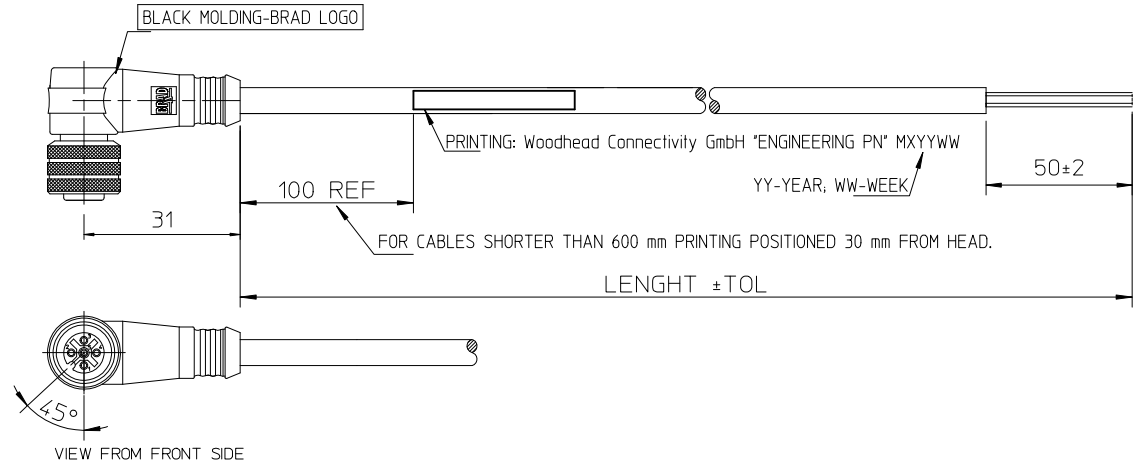
10 9 8 7 6 5 4 3 2 1

WIRING DIAGRAM M12 FEMALE:

3 WIRES		4 WIRES		5 WIRES	
VIEW FROM FRONT SIDE		VIEW FROM FRONT SIDE		VIEW FROM FRONT SIDE	
Pin	Wire color	Pin	Wire color	Pin	Wire color
1	Brown	1	Brown	1	Brown
2	-	2	White	2	White
3	Blue	3	Blue	3	Blue
4	Black	4	Black	4	Black
		5	Grey	5	Grey



90° - PLUG



ENGINEERING P/N KEY DECODING:

0	8	1	2	-	0	X	X	K	F	-	X	X	X	0	0
OVERMOULDED M12 FAMILY					NUMBER OF POLES 03-3 POLES 04-4 POLES 05-5 POLES		TYPE OF CONNECTOR 1=PROSTY/STRAIGHT 2=LAMANY/90°		FEMALE CONNECTOR			LENGTH 01 = 1m 02 = 2 m 05 = 5 m 15 = 15 m 20 = 20 m 30 = 30 m		TYPE OF CABLE 01 = 0.6 m 02 = 0.3 m 03 = 0.25 m 04 = 0.35 m 05 = 0.25 m 06 = 0.35 m 07 = 0.25 m 08 = 0.35 m	

CABLE LENGTH IN METER	TILL/00	OVER - TILL	OVER - TILL	OVER	OVER	OVER
	1m	1-5m	5-10m	10m	20m	30m
MANUFACTURING TOLERANCES MM						
M8/M12 CABLE CONNECTOR MALE OR FEMALE	+20 -10	+25	+30	+30	+50	+60
M8/M12 CABLE CONNECTOR JUMPERCABLE	+20 -10	+25	+30	+30	+50	+60
M23 CABLE CONNECTOR MALE OR FEMALE			+50	+50	+50	+60
M23 CABLE CONNECTOR JUMPERCABLE			+50	+50	+50	+60

ORIGINAL RELEASE EC NO: IPG2012-0960 DRWN:HWALCZAK 2012/05/10 CHKD: APPR:MDYSZEWSKA 2012/05/28 REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± --- ANGULAR ± --- ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY: HWALCZAK DATE: 2012/05/10 CHECKED BY: DATE: APPROVED BY: MDYSZEWSKA DATE: 2012/05/28 MATERIAL NO.	SCALE --- DESIGN UNITS METRIC FIRST ANGLE PROJECTION	TITLE CSE M12 XP AC FE XM SE molex DOCUMENT NO. SD-120065-053 SHEET NO. 1 OF 1
	SEE KEY THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	SIZE A3				
	A				

9 8 7 6 5 4 3 2 1