

CABLE SPECIFICATION:

OUTER DIAMETER: 7.8±0.3 mm

TEMPERATURE RANGE STATIC: -40 TO +90 °C (3000h)

TEMPERATURE RANGE DYNAMIC: -25 TO +80 °C

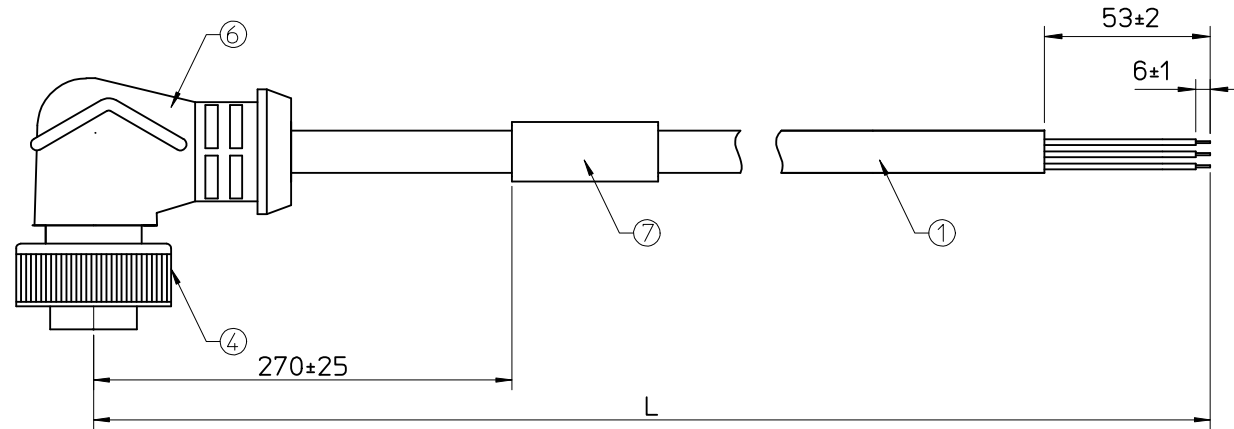
OMOLOGATION: UL STYLE 21215 + CSA ; RATING 80°C 600V

VOLTAGE RATING: 1000 V (450/750)

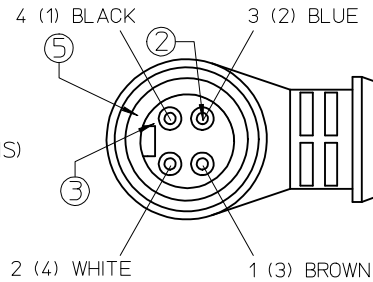
UV RESISTANT: YES (UL1581/2556- 300h)

CHART 1

MOLEX PN	ENGINEERING PN	L [mm]
1300068183	104001B48M020	2000 +89
1300068184	104001B48M050	5000 +165
1300068185	104001B48M100	10000 +317
1300068186	104001B48M300	30000 +622



CENELEC PIN-OUT
(SAE PIN-OUT IN PARANTHESIS)



FRONT SIDE VIEW

Bill of Materials

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
7	1	LABEL	-	-
6	-	OVERMOULD	TPU	BLACK
5	1	FRICTION RING - A SIZE	NYLON	-
4	1	M16 COUPLING NUT (A-SIZE)	ZINC ALLOY	BLACK
3	1	4P FEMALE INSERT A-SIZE	PUR	BLACK
2	4	FEMALE CONTACT	COPPER ALLOY	GOLD
1	-	CABLE 4x1.5mm²	TPU	GRAY

MATERIAL DESCRIPTION CHANGED EC NO: IPG2015-0438 DRWN:FGAIK 2014/09/08 CHKD:JMARSZALEK 2014/09/08 APPR:MIWASIECZKO 2014/09/09	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		mm	INCH	MM ONLY	---	METRIC		
B1	REV	4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE MC-4P-FP-XM-90D-PUR	
		3 PLACES	± ---	± ---	FGAIK	2014/04/29		
		2 PLACES	± 0.05	± ---	CHECKED BY	DATE		
		1 PLACE	± 0.3	± ---	JMARSZALEK	2014/04/29		
		0 PLACE	± 0.5	± ---	APPROVED BY	DATE		
					MIWASIECZKO	2014/06/16		
ANGULAR ± 1 °				MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART 1		SD-130006-053		1 OF 1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

CABLE SPECIFICATION:

OUTER DIAMETER: 7.8±0.3 mm

TEMPERATURE RANGE STATIC: -40 TO +90 °C (3000h)

TEMPERATURE RANGE DYNAMIC: -25 TO +80 °C

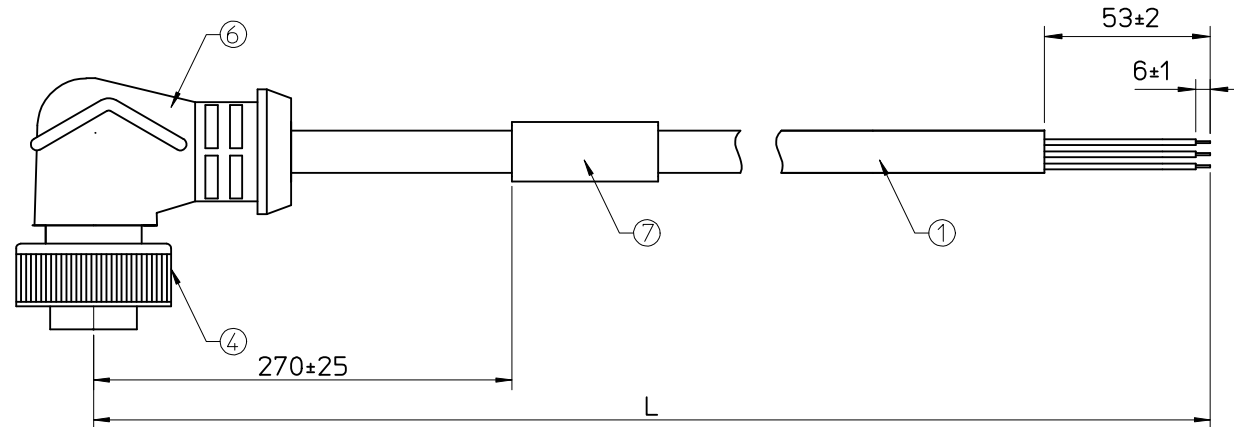
OMOLOGATION: UL STYLE 21215 + CSA ; RATING 80°C 600V

VOLTAGE RATING: 1000 V (450/750)

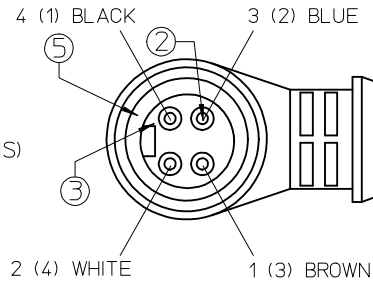
UV RESISTANT: YES (UL1581/2556- 300h)

CHART 1

MOLEX PN	ENGINEERING PN	L [mm]
1300068183	104001B48M020	2000 +89
1300068184	104001B48M050	5000 +165
1300068185	104001B48M100	10000 +317
1300068186	104001B48M300	30000 +622



CENELEC PIN-OUT
(SAE PIN-OUT IN PARANTHESIS)



FRONT SIDE VIEW

Bill of Materials

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
7	1	LABEL	-	-
6	-	OVERMOULD	TPU	BLACK
5	1	FRICTION RING - A SIZE	NYLON	-
4	1	M16 COUPLING NUT (A-SIZE)	ZINC ALLOY	BLACK
3	1	4P FEMALE INSERT A-SIZE	PUR	BLACK
2	4	FEMALE CONTACT	COPPER ALLOY	GOLD
1	-	CABLE 4x1.5mm²	TPU	GRAY

MATERIAL DESCRIPTION CHANGED EC NO: IPG2015-0438 DRWN:FGAIK 2014/09/08 CHKD:JMARSZALEK 2014/09/08 APPR:MIWASIECZKO 2014/09/09	QUALITY SYMBOLS ▽=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		mm	INCH	MM ONLY	---	METRIC		
B1	REV	4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE MC-4P-FP-XM-90D-PUR	
		3 PLACES	± ---	± ---	FGAIK	2014/04/29		
		2 PLACES	± 0.05	± ---	CHECKED BY	DATE		
		1 PLACE	± 0.3	± ---	JMARSZALEK	2014/04/29		
		0 PLACE	± 0.5	± ---	APPROVED BY	DATE		
					MIWASIECZKO	2014/06/16		
ANGULAR ± 1 °				MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART 1		SD-130006-053		1 OF 1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								