

PART No MATRIX:

4030P1XXXMXX

OPTIONS

40=M8x1
Single ended

Poles:
3 = 3 Poles

Heads style:
0P1 = Plug Female 90°
Angel PNP LED

Cable: SEE TABLE 1

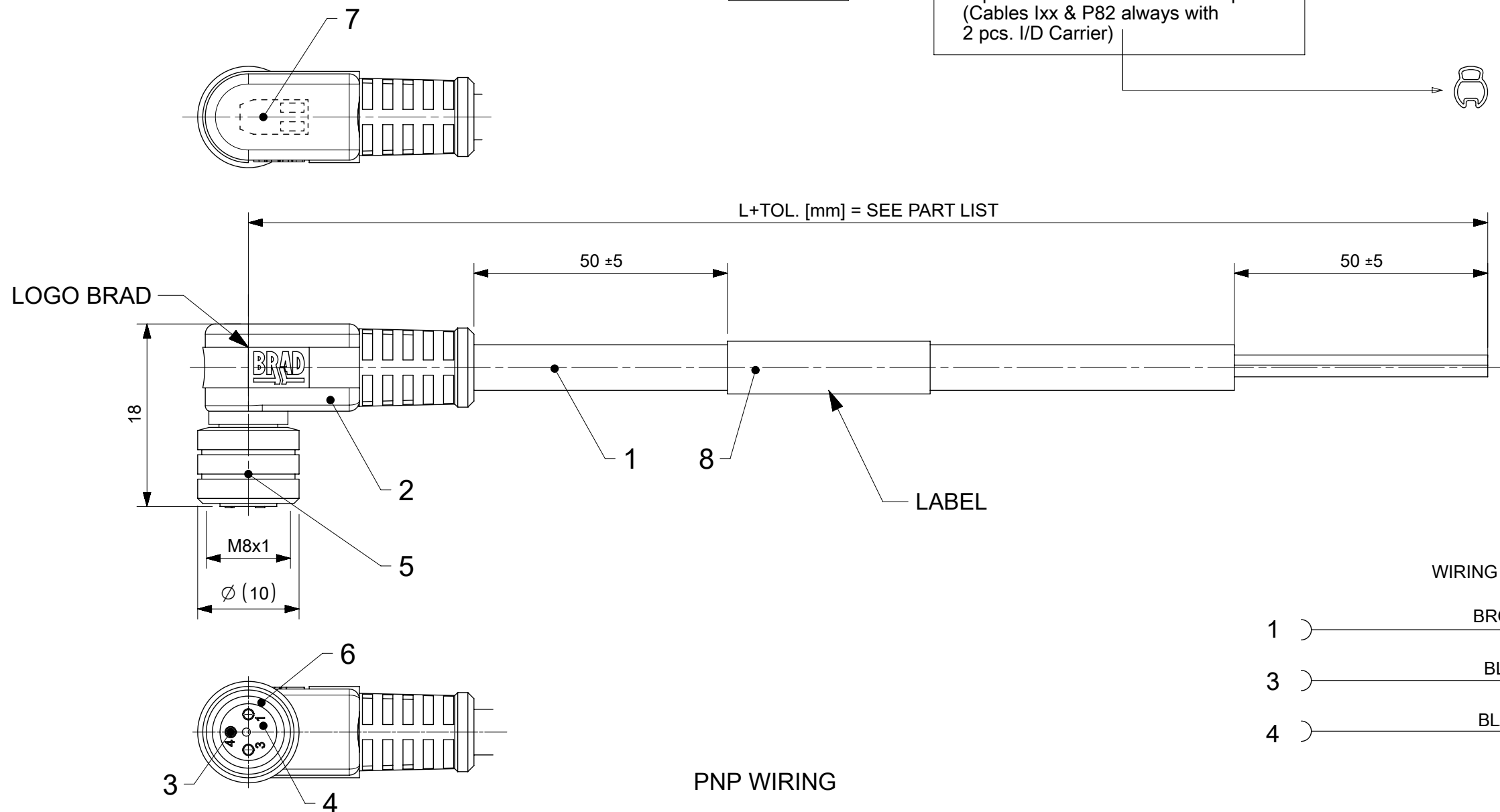
Units:
M=Meter

Length
Examples:
005 = 0.5 m
010 = 1 m
020 = 2 m
050 = 5 m
100 = 10 m
150 = 15 m
200 = 20 m

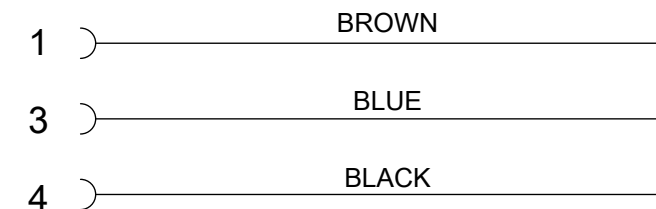
Overmold color:
Blank (Standard)=Clear
Y= Yellow

Coupling Nut:
Blank (Standard)= Brass
7=Brass Teflon Coated

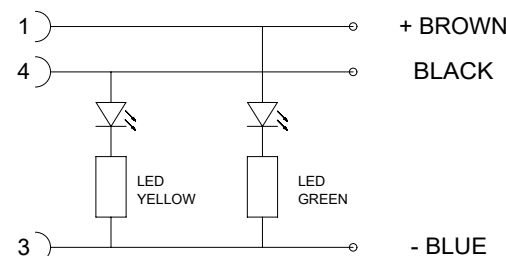
H= 2 pcs. of I/D Carrier PVC Transparent
(Cables lxx & P82 always with
2 pcs. I/D Carrier)



WIRING DIAGRAM



PNP WIRING



VIEW FROM THE FRONT SIDE

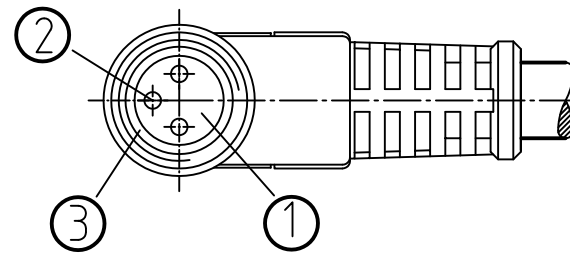
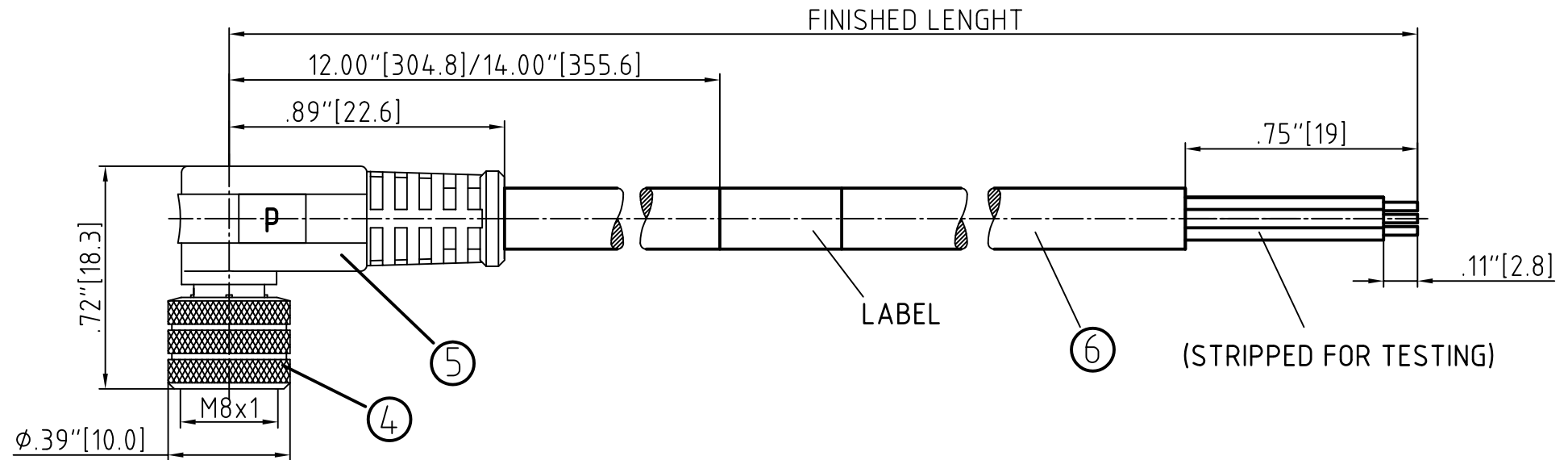
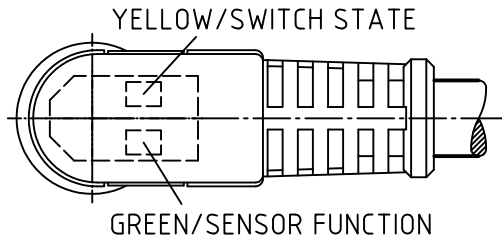
TECHNICAL SPEC:
CONTACT CURRENT RATING: 3A
VOLTAGE RATING: 60V
PACKAGING ACCORDING TO PACKAGING SPEC: 1201202000

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	DIMENSION UNITS	SCALE
$\nabla/A = 0$	mm	2:1
$\nabla/E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)	
$\nabla/F = 0$	ANGULAR TOL	± 1.0 °
DIVISIONAL SYMBOLS	4 PLACES	±
	3 PLACES	±
	2 PLACES	± 0.05
	1 PLACE	± 0.3
	0 PLACES	± 0.5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION
		DRAWING
		SERIES
		MATERIAL NUMBER
		CUSTOMER
		SHEET NUMBER

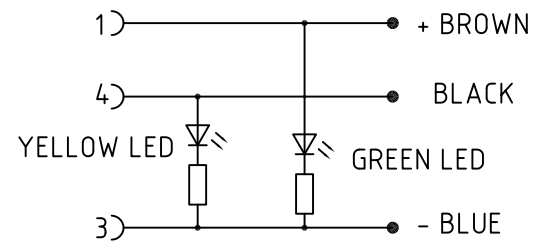
EC NO: 770174	2023/10/17	molex	
DRWN: RSCHIEBER	2023/11/30		
CHK'D: RSILLER	2023/11/30	NC-3P-FE-LED.PNP-90 -XXM-PVC-NUT	
APPR: RSILLER	2023/11/30	PRODUCT CUSTOMER DRAWING	
INITIAL REVISION:		DOCUMENT NUMBER	DOC TYPE
DRWN: MCELEJEWSKI		1200868338	PSD
APPR: MIWASIECZKO		001	A1
		SEE PART LIST	GENERAL MARKET
		1 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2023/11/30	13:30:44
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D	PART LIST			TABELA 1/ TABLE 1								
	MOLEX PN	ENGINEERING NO	L+TOL. [mm]	CABLE TYPE	CROSS SCETION	MATERIAL	COLOR	OUTER DIAMETER				
	1200270115	4030P1E02M020	2000+89	E02	3x0.25mm2	PVC	BLACK	4.6mm				
	1200270117	4030P1E02M050	5000+165	H08	3x0.25mm2	PUR	BLACK	4.1mm				
	1200270119	4030P1I02M020	2000+89	I02	3x0.25mm2	PVC	GRAY	4.5mm				
	1200270121	4030P1I02M050	5000+165	P02	3x0.25mm2	PVC/PUR	BLACK	4.7mm				
	1200270949	4030P1P02M100	10000+317	P03	3x0.34mm2	PUR	BLACK	5.3mm				
	1200860464	4030P1P03M050	5000+165	P82	3x0.34mm2	PUR	ORANGE	5.1mm				
	1200865027	4030P1P82M050	5000+165									
	1200865590	4030P1E02M010	1000+56									
C	1200868024	4030P1E02M100	10000+317									
	1200868051	4030P1H08M050	5000+165									
	1200868076	4030P1P82M100	10000+317									
	1200868104	4030P1P03M150	15000+610									
	1200868147	4030P1P82M0507	5000+165									
	1200868219	4030P1H08M020	2000+89									
	1200868334	4030P1E02M002	200+19									
	1200868335	4030P1I02M030	3000+89									
	1200868336	4030P1I02M100	10000+317									
	1200868337	4030P1P02M020	2000+89									
B	1200868338	4030P1P02M030	3000+89									
	1200868411	4030P1E02M050H	5000+165									
A	Table of length tolerances [mm]			BILL OF MATERIAL								
	Over	Up to and including	Tolerance	8	1	LABEL 2.0X1.75		VINYL	YELLOW			
	0	305	+19	7	1	NANO LED PNP PCB		-	-			
	305	915	+45	6	1	GASKET 5.0X0.8		FKM	RED			
	915	1830	+56	5	1	M8 FEMALE COUPLING NUT		BRASS	Ni-PLATED			
	1830	3660	+89	4	1	INSERT M8 3P FEMALE		PUR	BLACK			
	3660	7320	+165	3	3	CONTACT 10 FEMALE		Cu/Ni2-4	GOLD-PLATED			
	7320	14640	+317	2	-	MOULDING MATERIAL		TPU	SEE MATRIX			
	14640	30500	+610	1	-	CABLE 3X0.25		SEE TABLE 1	SEE TABLE 1			
	30500	>	+2% of length	ITEM	QTY	DESCRIPTION		MATERIAL	FINISH/COLOR			
DOCUMENT STATUS			P1	RELEASE DATE		2023/11/30	13:30:44					
6			5		4		3		2		1	
FORMAT: master-db-prod-A4 REVISION: -J1 DATE: 2021/05/01												



3 POLE
PNP-NORMALLY OPEN=YELLOW-GREEN



POLE	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGHT IN/MM
3	1200270946	4030P1P03M020	6.56' +3.50" -0 [2.0M +88.9 -0]
3	1200860464	4030P1P03M050	16.40' +6.50" -0 [5.0M +165.1 -0]
3	1200270949	4030P1P03M100	32.81' +12.50" -0 [10.0M +317.5 -0]

CONNECTOR SPECIFICATION:

VOLTAGE RATING	3-4POL:10-30V/DC
AMPERAGE RATING	3 AMPS
PROTECTION	IP68
OPERATING TEMPERATURE	-30°C TO +80°C (STATIC)
UL CERTIFICATIONS	UL listed, File #E152210
CSA CERTIFICATIONS	CSA CERTIFIED, File LR6837

ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	POLYURETHANE (PUR)	BLACK
2	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
3	O-RING	VITON	
4	COUPLING NUT	BRASS	NICKEL PLATED
5	OVERMOLD	TPU	CLEAR
6	CABLE0.25mm ² (24AWG) (COPPER STRANDING) 3 CONDUCT. 300V	JACKET: PUR	BLACK

DESCRIPTION EC NO: WEU2010-0303 DRWN: REISSNER 2010/01/26 CHKD: FP APPR: NSTAUDIG 2010/02/01		QUALITY SYMBOLS ▽ = 0 ◁ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± .01 1 PLACE ± 0.3 ± --- ANGULAR ± --- ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DIMENSION STYLE IM/MM		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					DRAWN BY DATE REISSNER 2010/01/26		NC 3P FE 90 LED 24AWG PUR ----			
					CHECKED BY DATE FP 2010/01/26					
					APPROVED BY DATE NSTAUDIG 2010/02/01		MOLEX MOLEX INCORPORATED			
					MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-120086-022			
1		REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				