

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

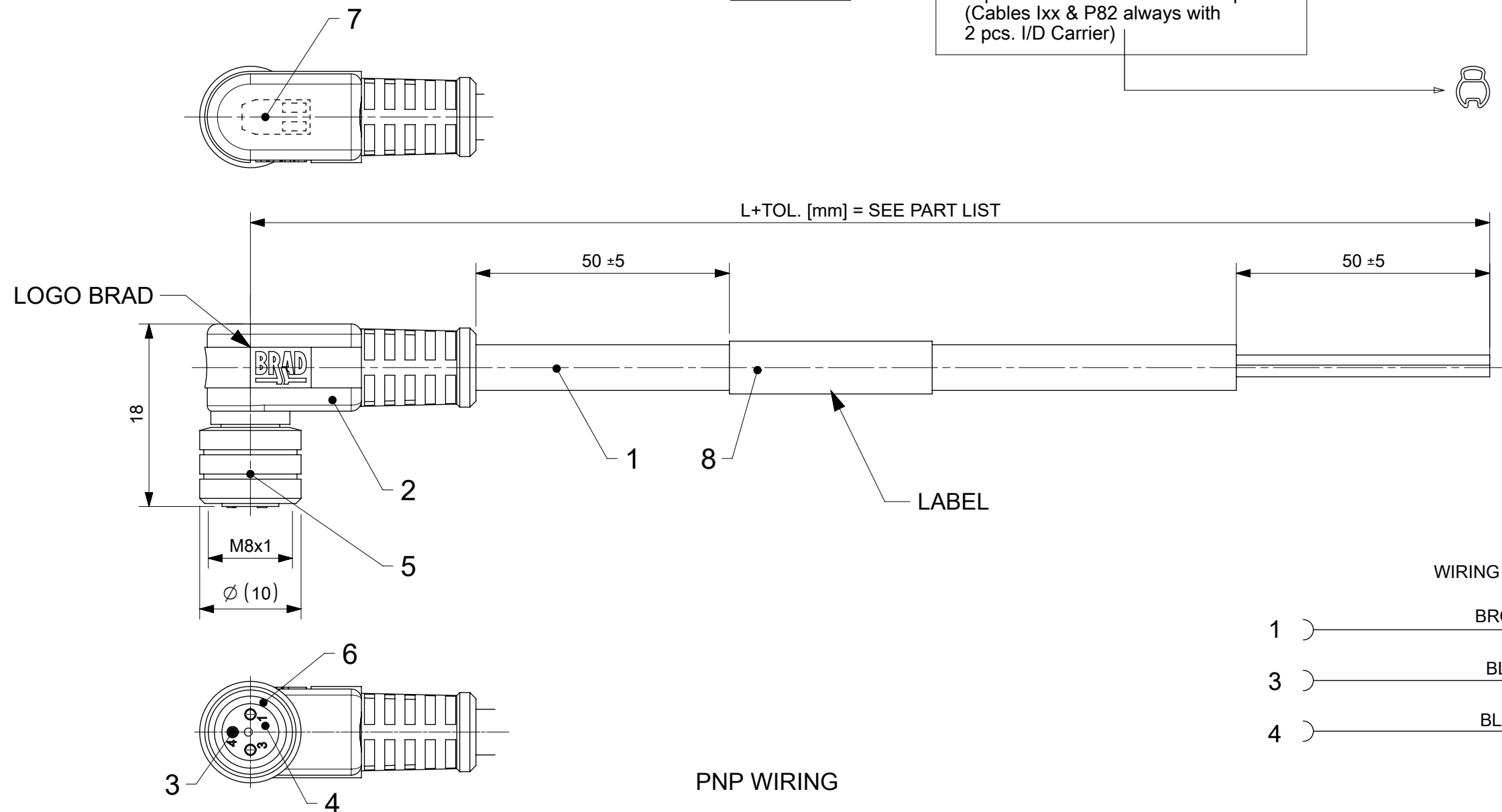
Units:
M=Meter

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

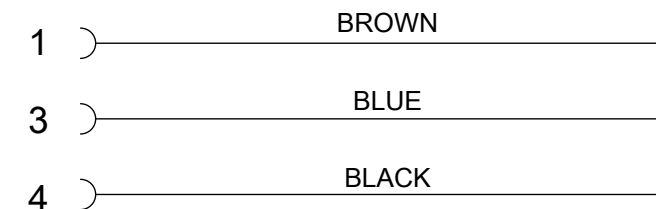
Coupling Nut:
Blank (Standard)= Brass
7=Brass Teflon Coated

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

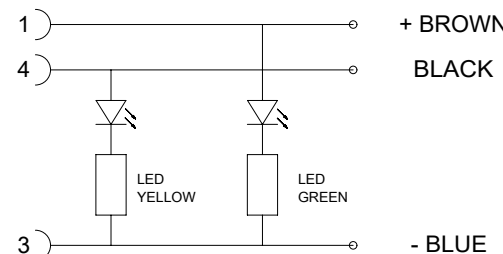


VIEW FROM THE FRONT SIDE

WIRING DIAGRAM



PNP WIRING



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)	
$\nabla/E = 0$	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

CURRENT REV DESC: PACKAGING SPEC ADDED			molex		
EC NO: 770174			NC-3P-FE-LED.PNP-90 -XXM-PVC-NUT		
DRWN: RSCHIEBER			PRODUCT CUSTOMER DRAWING		
CHK'D: RSILLER			DOCUMENT NUMBER		
APPR: RSILLER			1200868338		
INITIAL REVISION:			DOC TYPE		
DRWN: MCELEJEWSKI			PSD		
APPR: MIWASIECZKO			DOC PART		
			001		
			REVISION		
			A1		
			SHEET NUMBER		
			1 OF 2		

DOCUMENT STATUS	P1	RELEASE DATE	2023/11/30	13:30:44
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6			5			4			3			2			1		
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		
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6			5			4			3			2			1		
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REVISION: -J1

DATE: 2021/05/01