

PART No MATRIX:

4030P1XXXMXX

40=M8x1
Single ended

Poles:
3 = 3 Poles

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

Cable: SEE TABLE 1

Units:
M=Meter

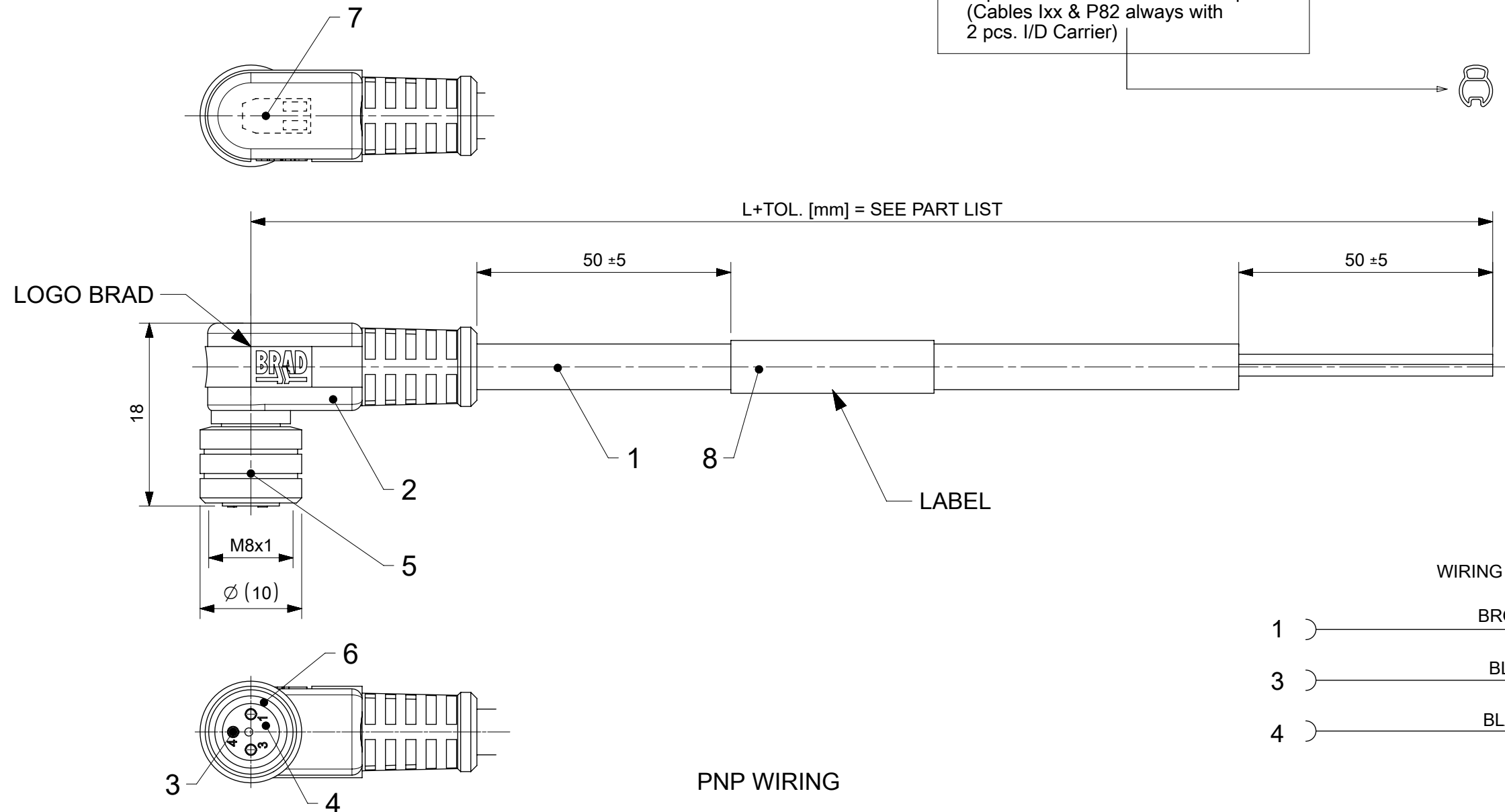
Length
Examples:
005 = 0.5 m
010 = 1 m
020 = 2 m
050 = 5 m
100 = 10 m
150 = 15 m
200 = 20 m

OPTIONS

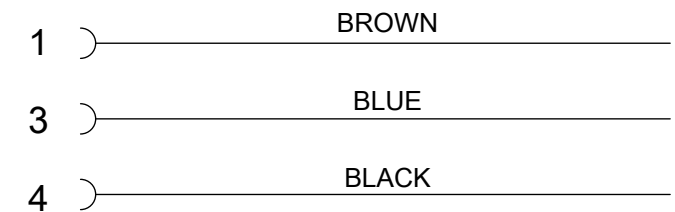
Overmold color:
Blank (Standard)=Clear
Y= Yellow

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

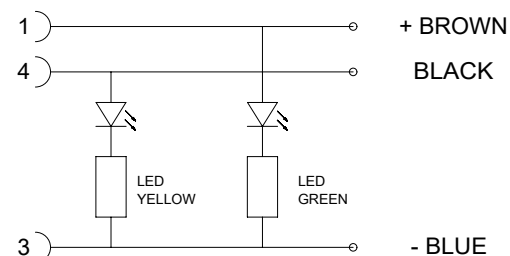
H= 2 pcs. of I/D Carrier PVC Transparent
(Cables lxx & P82 always with
2 pcs. I/D Carrier)



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
$\nabla/\text{A} = 0$	mm	2:1
$\nabla/\text{E} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)	
$\nabla/\text{F} = 0$	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

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
-----------------	----	--------------	------------	----------

6			5			4			3			2			1		
PART LIST									TABELA 1/ TABLE 1								
D	MOLEX PN	ENGINEERING NO	L+TOL. [mm]														
	1200270115	4030P1E02M020	2000+89														
	1200270117	4030P1E02M050	5000+165														
	1200270119	4030P1I02M020	2000+89														
	1200270121	4030P1I02M050	5000+165														
	1200270949	4030P1P02M100	10000+317														
	1200860464	4030P1P03M050	5000+165														
	1200865027	4030P1P82M050	5000+165														
	1200865590	4030P1E02M010	1000+56														
	1200868024	4030P1E02M100	10000+317														
C	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														
	1200868338	4030P1P02M030	3000+89														
B	1200868411	4030P1E02M050H	5000+165														
A	Table of length tolerances [mm]																
	Over	Up to and including	Tolerance														
	0	305	+19														
	305	915	+45														
	915	1830	+56														
	1830	3660	+89														
	3660	7320	+165														
	7320	14640	+317														
	14640	30500	+610														
	30500	>	+2% of length														
DOCUMENT STATUS		P1	RELEASE DATE	2023/11/30	13:30:44												
6			5			4			3			2			1		

CABLE TYPE	CROSS SCETION	MATERIAL	COLOR	OUTER DIAMETER
E02	3x0.25mm2	PVC	BLACK	4.6mm
H08	3x0.25mm2	PUR	BLACK	4.1mm
I02	3x0.25mm2	PVC	GRAY	4.5mm
P02	3x0.25mm2	PVC/PUR	BLACK	4.7mm
P03	3x0.34mm2	PUR	BLACK	5.3mm
P82	3x0.34mm2	PUR	ORANGE	5.1mm

BILL OF MATERIAL				
8	1	LABEL 2.0X1.75	VINYL	YELLOW
7	1	NANO LED PNP PCB	-	-
6	1	GASKET 5.0X0.8	FKM	RED
5	1	M8 FEMALE COUPLING NUT	BRASS	Ni-PLATED
4	1	INSERT M8 3P FEMALE	PUR	BLACK
3	3	CONTACT 10 FEMALE	Cu/Ni2-4	GOLD-PLATED
2	-	MOULDING MATERIAL	TPU	SEE MATRIX
1	-	CABLE 3X0.25	SEE TABLE 1	SEE TABLE 1
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR

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		CURRENT REV DESC: PACKAGING SPEC ADDED				molex NC-3P-FE-LED.PNP-90 -XXM-PVC-NUT							
	mm		1:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
	ANGULAR TOL ± 1.0 °															
	DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 770174 DRWN: RSCHIEBER 2023/10/17 CHK'D: RSILLER 2023/11/30 APPR: RSILLER 2023/11/30				PRODUCT CUSTOMER DRAWING						
		3 PLACES		±												
		2 PLACES		± 0.05												
		1 PLACE		± 0.3												
		0 PLACES		± 0.5		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION
DRWN: MCELEJEWSKI 2018/10/12 APPR: MIWASIECZKO 2018/10/15				1200868338		PSD		001		A1						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
						A4-SIZE		120086		SEE PART LIST		GENERAL MARKET		2 OF 2		

FORMAT: master-bb-prod-A4			6			5			4			3			2			1		
REVISION: 31																				
DATE: 2021/05/01																				