

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

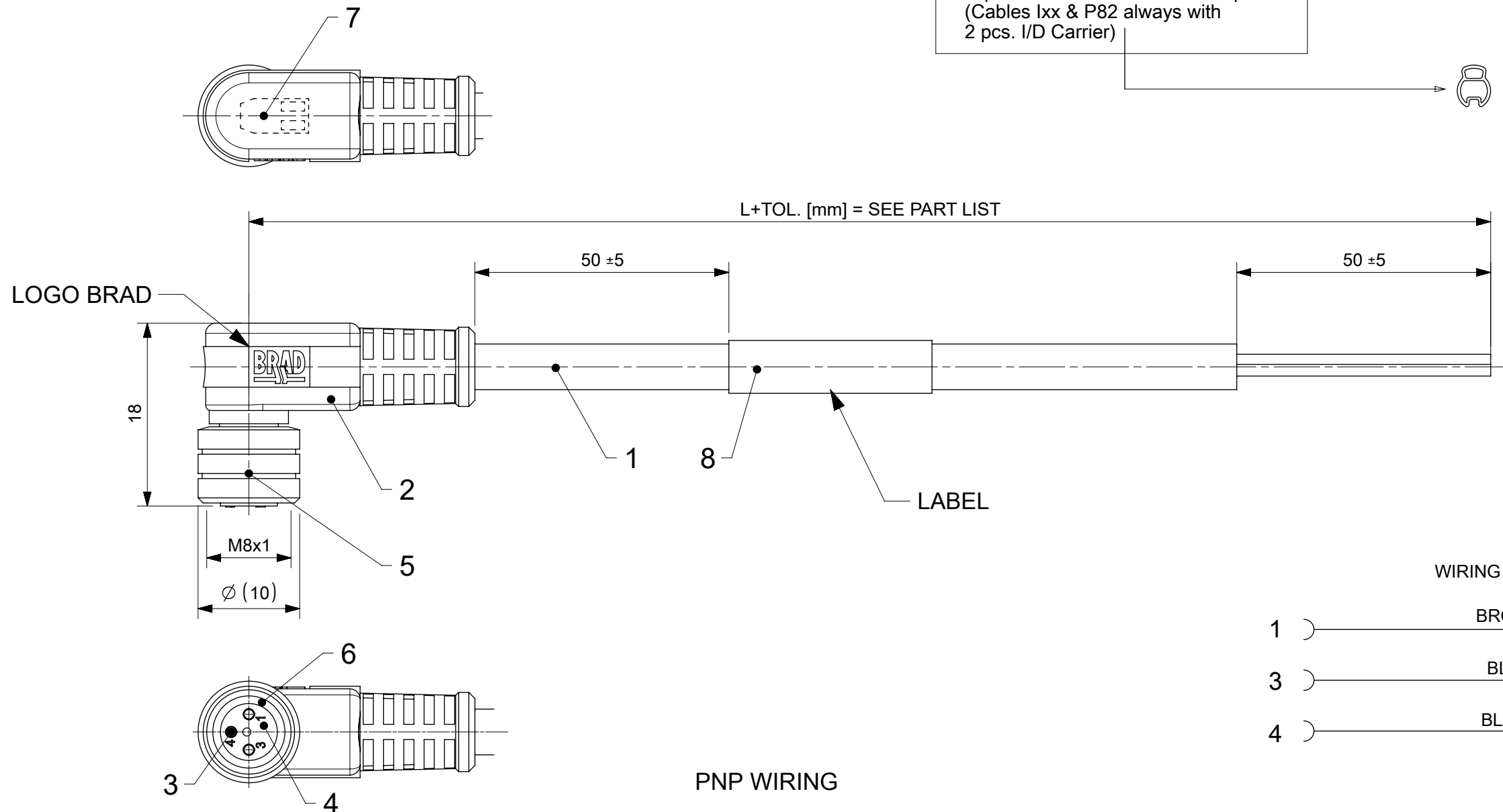
Length
Examples:
005 = 0.5 m
010 = 1 m
020 = 2 m
050 = 5 m
100 = 10 m
150 = 15 m
200 = 20 m

OPTIONS

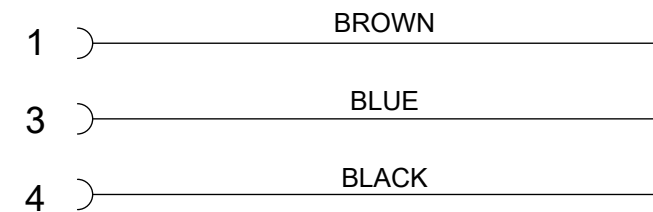
Overmold color:
Blank (Standard)=Clear
Y= Yellow

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

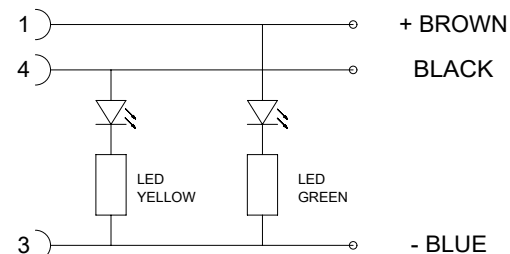
H= 2 pcs. of I/D Carrier PVC Transparent
(Cables lxx & P82 always with
2 pcs. I/D Carrier)



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		CURRENT REV DESC: PACKAGING SPEC ADDED			molex									
FA = 0	mm		2:1														
FE = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				NC-3P-FE-LED.PNP-90 -XXM-PVC-NUT												
FE = 0	ANGULAR TOL		± 1.0 °														
DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 770174			PRODUCT CUSTOMER DRAWING									
	3 PLACES		±		DRWN: RSCHIEBER 2023/10/17												
	2 PLACES		± 0.05		CHK'D: RSILLER 2023/11/30												
	1 PLACE		± 0.3		APPR: RSILLER 2023/11/30												
	0 PLACES		± 0.5		INITIAL REVISION:												
					DRWN: MCELEJEWSKI 2018/10/12												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		120086		1200868338		PSD		001		A1	
										SEE PART LIST		GENERAL MARKET		SHEET NUMBER			
														1 OF 2			

DOCUMENT STATUS	P1	RELEASE DATE	2023/11/30	13:30:44
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D

C

B

A

6

5

4

3

2

1

PART LIST

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
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
1200868411	4030P1E02M050H	5000+165

TABELA 1/*TABLE 1*

CABLE TYPE	CROSS SCETION	MATERIAL	COLOR	OUTER DIAMETER
E02	3x0.25mm ²	PVC	BLACK	4.6mm
H08	3x0.25mm ²	PUR	BLACK	4.1mm
I02	3x0.25mm ²	PVC	GRAY	4.5mm
P02	3x0.25mm ²	PVC/PUR	BLACK	4.7mm
P03	3x0.34mm ²	PUR	BLACK	5.3mm
P82	3x0.34mm ²	PUR	ORANGE	5.1mm

BILL OF MATERIAL

8	1	LABEL 2.OX1.75	VINYL	YELLOW
7	1	NANO LED PNP PCB	-	-
6	1	GASKET 5.OX0.8	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

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

FUNCTIONAL SYMBOLS

= 0

= 0

= 0
DIVISIONAL SYMBOLS

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DIMENSION UNITS	SCALE
mm	1:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL ± 1.0 °	
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.05
1 PLACE	± 0.3
0 PLACES	± 0.5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: PACKAGING SPEC ADDED

EC NO: 770174
DRWN: RSCHIEBER 2023/10/17
CHK'D: RSILLER 2023/11/30
APPR: RSILLER 2023/11/30

INITIAL REVISION:
DRWN: MCELEJEWSKI 2018/10/12
APPR: MIWASIECZKO 2018/10/15

THIRD ANGLE PROJECTION	DRAWING	SERIES
	A4-SIZE	120086

NC-3P-FE-LED.PNP-90 -XXM-PVC-NUT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1200868338	PSD	001	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE PART LIST	GENERAL MARKET	2 OF 2

FORMAT: master-B-prod-A4
REVISION: _J1
DATE: 2021/05/01

6

5

4

3

2

1