

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

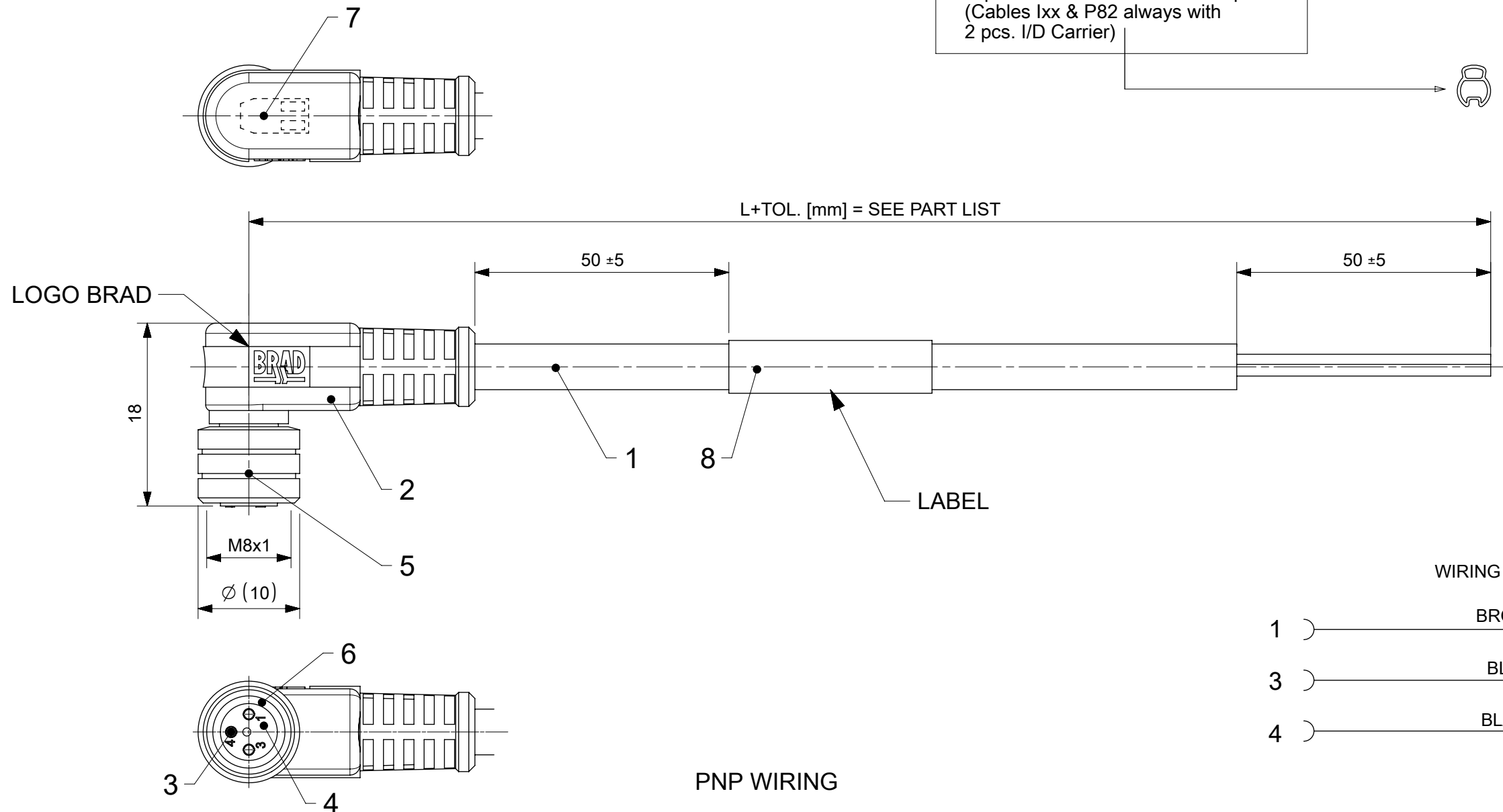
Length
Examples:
005 = 0.5 m
010 = 1 m
020 = 2 m
050 = 5 m
100 = 10 m
150 = 15 m
200 = 20 m

OPTIONS

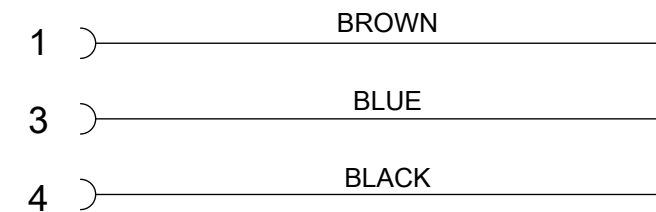
Overmold color:
Blank (Standard)=Clear
Y= Yellow

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

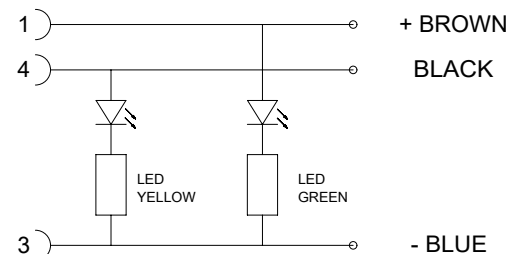
H= 2 pcs. of I/D Carrier PVC Transparent
(Cables lxx & P82 always with
2 pcs. I/D Carrier)



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
$\nabla/A = 0$	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
CURRENT REV DESC: PACKAGING SPEC ADDED		DRAWING
EC NO: 770174		SERIES
DRWN: RSCHIEBER		MATERIAL NUMBER
CHK'D: RSILLER		CUSTOMER
APPR: RSILLER		SHEET NUMBER
INITIAL REVISION:		DATE
DRWN: MCELEJEWski		DATE
APPR: MIWASIECZKO		DATE
DOCUMENT NUMBER		DOC TYPE
1200868338		PSD
DOC PART		REVISION
001		A1
GENERAL MARKET		1 OF 2

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

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

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

TABELA 1/ *TABLE 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

F A = 0

F E = 0

F P = 0

DIVISIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

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

THIRD ANGLE PROJECTION

DRAWING

A4-SIZE

SERIES

120086

MATERIAL NUMBER

SEE PART LIST

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 2

CURRENT REV DESC: PACKAGING SPEC ADDED

EC NO: 770174

DRWN: RSCHIEBER

CHK'D: RSILLER

APPR: RSILLER

2023/10/17

2023/11/30

2023/11/30

INITIAL REVISION:

DRWN: MCELEJEWSKI

APPR: MIWASIECZKO

2018/10/12

2018/10/15

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200868338

DOC TYPE

PSD

DOC PART

001

REVISION

A1

</