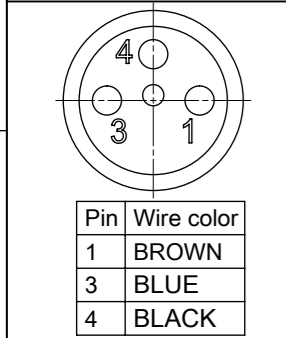
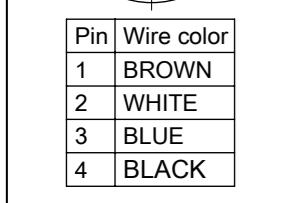


M8 FEMALE VIEWS FROM THE FRONT SIDE 3 POLE



Pin	Wire color
1	BROWN
3	BLUE
4	BLACK



Pin	Wire color
1	BROWN
2	WHITE
3	BLUE
4	BLACK



Pin	Wire color
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GREY

PART NO MATRIX

4 0 * 0 0 0 B 4 1 M * * * *

40 = M8 SINGLE ENDED

POLES:
3 = 3 POLES
4 = 4 POLES
5 = 5 POLES

HEADER:
000 = FEMALE STRAIGHT

CABLE:
B41 = 0,25mm², TPU BLACK

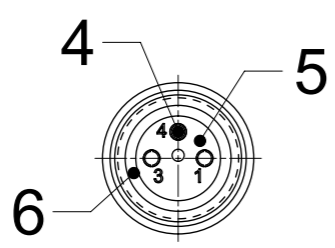
UNIT:
M = METER

LENGTH:
EXAMPLE:
010 = 1 m
050 = 5 m
100 = 10 m

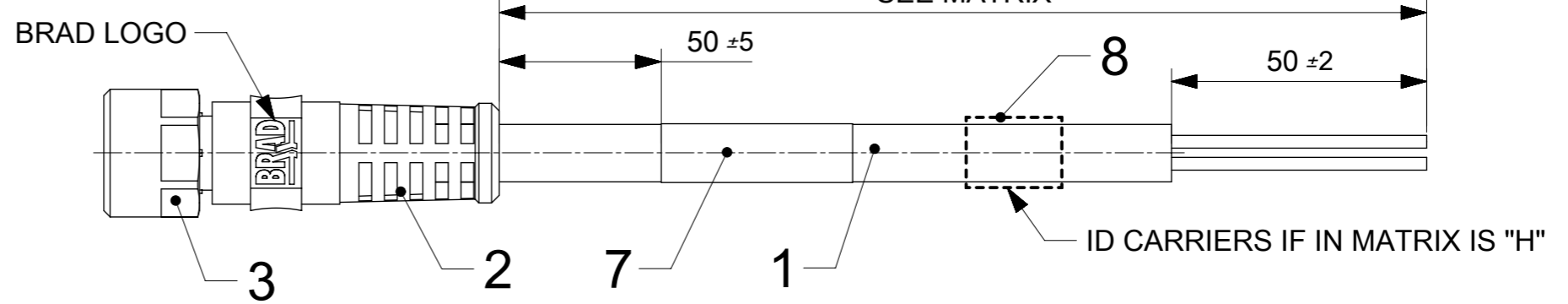
OVERMOLD COLOR:
BLANK (STANDARD)= BLACK
Y= YELLOW

COUPLING NUT:
BLANK (STANDARD)= KNURLED / HEX BRASS, Ni PLATED
7 = KNURLED BRASS, Ni PLATED, TEFLON COATED

H = 2 PCS. OF I/D CARRIER FOR CABLE B36



VIEW FROM THE FRONT SIDE 3P



BOM

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
8	2	ID-CARRIER (SEE MATRIX)	-	-
7	1	LABEL YE STANDARD	VINYL	-
6	1	GASKET RD	FKM	-
5	1	INSERT M8 FE XP	PUR	-
4	3/4/5	CONTACT FE	BRONZE	SELECTIVE GOLD OVER NICKEL
3	1	M8 HEX KNU FE NUT	BRASS	Ni3
2	-	MOULDING MATERIAL	TPU	SEE PART LIST
1	-	CABLE Xx0.25mm ² BK	TPU	-
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

CABLE LENGTH TOLERANCES

LENGTH	TOLERANCE (+)
0m-1m	+40
>1m-5m	+60
>5m-10m	+80
>10m-20m	+140
>20m-30m	+160
>30m	+1% of length

NOTES

Temperature Range	-25°C/+80°C
Contact Current Rating	3A
Voltage Rating	3 poles 60V
	4-5 poles 30 V
Protection class	IP 67

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

CURRENT REV DESC: ADDED NEW PN

molex

CSE M8 XP AC FE STR TPU XM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: 1200868655 | DOC TYPE: PSD | DOC PART: 00P | REVISION: A5

MATERIAL NUMBER: SEE SHEET 2 | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 1 OF 2

EC NO: 631788
DRWN: MDHARMANTI 2020/02/06
CHK'D: RSILLER 2020/02/07
APPR: RSILLER 2020/02/07

INITIAL REVISION:
DRWN: AKONDRACIUK 2016/07/27
APPR: MIWASIECZKO 2016/07/27

SYMBOLS: DIMENSION UNITS: mm | SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± °

4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING: A3-SIZE | SERIES: 120086

TABLE 1

MOLEX PN	ENGINEERING No
1200868832	403000B41M005
1200868655	403000B41M010
1200868656	403000B41M020
1200868657	403000B41M050
1200868658	403000B41M100
1200868659	404000B41M010
1200868660	404000B41M020
1200868661	404000B41M050
1200868662	404000B41M100
1200868663	405000B41M010
1200868664	405000B41M020
1200868665	405000B41M050
1200868666	405000B41M100
1200868798	403000B41M065
1200868840	403000B41M150
1200868841	403000B41M200
1200868882	403000B36M0107Y
1200868884	404000B36M0107Y
1200868885	404000B36M0207Y
1200868886	404000B36M0307Y
1200868887	404000B36M0507Y
1200868891	403000B36M0207Y
1200868781	403000B41M055
1200868782	403000B41M085
1200868889	404000B41M200
1200868890	404000B41M150

CABLE SPECIFICATION

CABLE TYPE	NO. OF WIRES	WIRE GAUGE	CABLE JACKET	UL	CSA	static	flexing	drag chain tested	other	CABLE SPEC. DRAWING
B41	3/4/5	0.25mm ²	TPU BLACK	STYLE 21215	yes	-40°C TO +90°C 5xD	-25°C TO +80°C 7.5xD	5 mio cycles	WELD SLAG RESISTANCE	SD-120209-006
B36	3/4	0.34mm ²	TPU ORANGE	STYLE 21215/758	C22.2I/III/ A/B 80/600V	-40°C TO +90°C 5xD	-25°C TO +80°C 7.5xD	5 mio cycles	WELD SLAG RESISTANCE	SD-120209-001

SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	DIMENSION UNITS mm	SCALE 1:1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CURRENT REV DESC: ADDED NEW PN					
	ANGULAR TOL ± °		molex					
	4 PLACES ±		CSE M8 XP AC FE STR TPU XM					
	3 PLACES ±		EC NO: 631788 DRWN: MDHARMANTI 2020/02/06 CHK'D: RSILLER 2020/02/07 APPR: RSILLER 2020/02/07					
2 PLACES ±		PRODUCT CUSTOMER DRAWING						
1 PLACE ±		INITIAL REVISION: DRWN: AKONDRACIUK 2016/07/27 APPR: MIWASIECZKO 2016/07/27						
0 PLACES ±		DOCUMENT NUMBER 1200868655		DOC TYPE PSD	DOC PART 00P	REVISION A5		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING A3-SIZE	SERIES 120086	MATERIAL NUMBER SEE TABLE 1	CUSTOMER GENERAL MARKET	SHEET NUMBER 2 OF 2