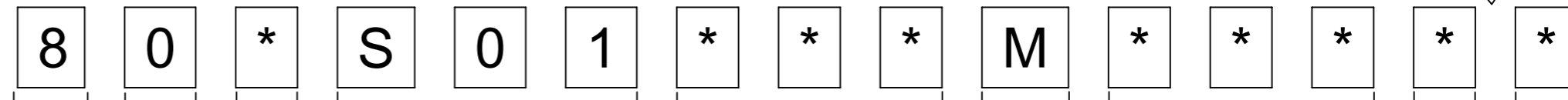


M12 FEMALE

PART No MATRIX - NUMERICAL CODE (AVAILABLE PARTS SEE PART LIST TABLE. OTHERS PARTS AVAILABLE UPON REQUEST).

OPTIONS



8 = MICRO CHANGE

8 = PORTABLE

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

HEADER:
S01 = SHIELDED FEMALE 90°

CABLE TYPE:
S19 = PVC, 0,25mm², YELLOW
S20 = PVC, 0,34mm², YELLOW
S26 = PVC, 0,34mm², YELLOW
P19 = PUR, 0,34mm², BLACK
P20 = PUR, 0,34mm², BLACK

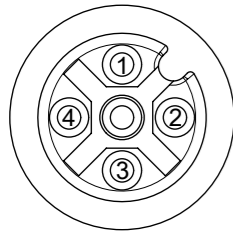
UNIT:
M = METER
F = FEET
A = INCHES
C = CENTIMETERS

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

COUPLIN NUT MATERIAL:
BLANK = KNU
1 = STAINLESS STEEL
5 = DERLIN
7 = TEFLON COATED
9 = KNU/HEX
H = 2 PCS. OF I/D CARIERR

MOLDING COLOR:
BLANK = YELLOW PUR FOR CABLE
S26, S20 | S19
BLANK = BLACK PUR (STANDARD)
A = GREY
G = BLACK
Y = YELLOW

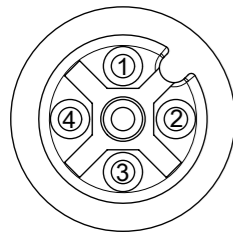
3 POLE



VIEW FROM THE FRONT SIDE

PIN	WIRE COLOR
1	BROWN
2	-
3	BLUE
4	BLACK

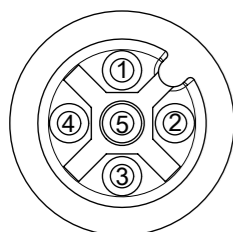
4 POLE



VIEW FROM THE FRONT SIDE

PIN	WIRE COLOR
1	BROWN
2	WHITE
3	BLUE
4	BLACK

5 POLE

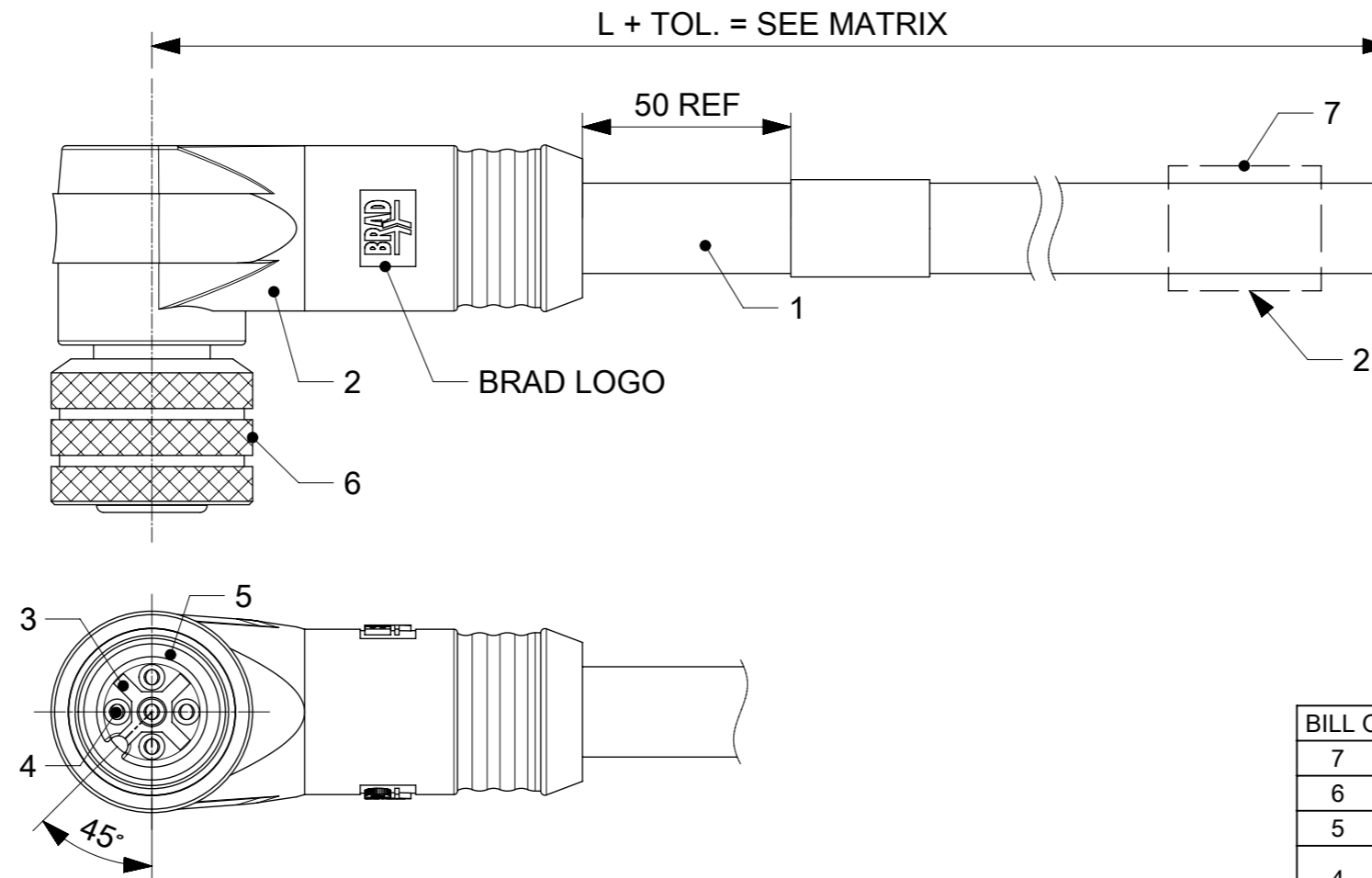


VIEW FROM THE FRONT SIDE

PIN	WIRE COLOR
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GREY

SHIELD CONNECTED TO THE HOUSING

VIEW FROM THE FRONT SIDE



2 x ID CARRIER IF IN MATRIX IS H

BILL OF MATERIAL

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
7	X	ID CARRIER (SEE MATRIX)	PVC	-
6	1	COUPLING NUT (SEE MATRIX)	-	-
5	1	GASKET	FPM	RED
4	X	CONTACT FE	BRONZE	GOLD OVER NICKEL PLATED
3	1	INSERT XP FE	ELASTOLLAN	BLACK
2	-	MOULDING MATERIAL	TPU	-
1	-	CABLE (SEE MATRIX)	-	-

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

RELEASE STATUS	P1	RELEASE DATE	22.07.2016	09:50:12
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2016/07/20	2016/07/22	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	
		ANGULAR TOL ± °		MM	2:1	
		4 PLACES ±	DATE	MMATLA	2016/07/20	
		3 PLACES ±	DATE	CHK'D BY		
EC NO: 106875	DRWN: MMATLA	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	PRODUCT CUSTOMER DRAWING SERIES: 120010 MATERIAL NUMBER: SEE MATRIX CUSTOMER: SEE MATRIX DOCUMENT NUMBER: 1200100247 DOC TYPE: PSD DOC PART: 00P SHEET NUMBER: 1 OF 2
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3		
		2 PLACES ±	DATE	MIWASIECZKO	2016/07/22	
		1 PLACE ±	DATE	APPR BY		
0 PLACES ±	DATE	MIWASIECZKO	2016/07/22			


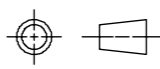
CABLE INFORMATION (FOR MORE INFORMATION SEE CABLE DATA SHEET.)

CABLE TYPE	No OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
S19	8	0.25mm ²	PVC YELLOW	UL 2661/1569	C22.2 II A 105°C/300V	-30°C TO +105°C, 10xO.D.	-15°C TO +105°C, 15xO.D.	-	YES
S20	3 / 4 / 5	0.34mm ²	PVC YELLOW	UL 2661/1731	C22.2 II A 105°C/300V	-30°C TO +105°C	-	-	YES
S26	5	0.34mm ²	PVC YELLOW	UL 2661/1731		-30°C TO +105°C	-	-	YES
P19	8	0.25mm ²	PUR BLACK	-	-	-40°C TO +90°C, 7.5xO.D.	-15°C TO +90°C, 12.5xO.D.	2 000 000 CYCLES, 15xO.D.	YES
P20	3 / 4 / 5	0.34mm ²	PUR BLACK	-	-	-30°C TO +80°C	-	-	YES

TABLE 1

MOLEX PN	ENGINEERING No	L [mm]
1200100247	805S01S26M020	2000
1200100248	805S01S26M010	1000
1200100341	804S01S20M010	1000
1200100342	804S01S20M020	2000
1200100249	804S01P20M080	8000
1200100291	804S01S20M0501	5000
1200690187	804S01P20M050	5000
1200695042	803S01P20M050	5000
1200698003	803S01P20M020	2000
1200698005	804S01P20M250	25000
1200698010	803S01P20M100	10000
1200698016	804S01P20M100	10000
1200698017	804S01S20M100	10000
1200698021	805S01S26M050	5000
1200698022	805S01S26M060	6000
1200698023	805S01S26M080	8000
1200698064	804S01S20M2501	25000
1200698079	804S01P20M020	2000
1200698082	804S01P20M1001	10000
1200698098	804S01P20M0501G	5000
1200698122	805S01S20M100	10000
1200698142	805S01S26M040	4000
1200698188	805S01P20M050	5000
1200698189	805S01P20M100	10000
1200698190	805S01P20M020	2000
1200698320	804S01P20M050Y	5000
1200698364	805S01P20M050H	5000
1200698366	805S01P20M150H	15000
1200698430	804S01P20M150	15000
1200698755	805S01P20M1501	15000

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EC NO: 106875 DRWN: MMATLA CHK'D: APPR: MIWASIECZKO	2016/07/20	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE			
	2016/07/22	ANGULAR TOL ± °		MM	1:1			
		4 PLACES ±	DRWN BY	DATE	MMATLA		2016/07/20	
		3 PLACES ±	CHK'D BY	DATE				
		2 PLACES ±	APPR BY	DATE	MIWASIECZKO		2016/07/22	
		1 PLACE ±	DRAWING SIZE	THIRD ANGLE PROJECTION	A3			
		0 PLACES ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
			PRODUCT CUSTOMER DRAWING		SERIES		MATERIAL NUMBER	CUSTOMER
					120010		SEE MATRIX (SH 1)	
					DOCUMENT NUMBER		DOC TYPE	DOC PART
				1200100247	PSD	00P	2 OF 2	