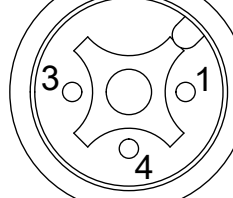
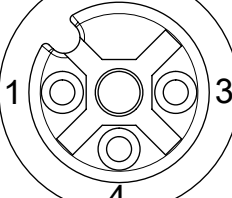


CONTACT POSITION FRONT VIEW
FEMALE MALE

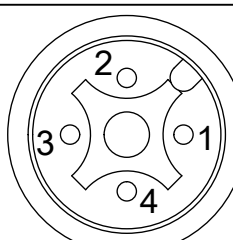
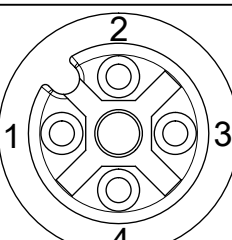
3 POLE



PIN	WIRE
1	BROWN
3	BLUE
4	BLACK

PIN	WIRE
1	BROWN
3	BLUE
4	BLACK

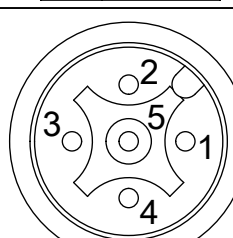
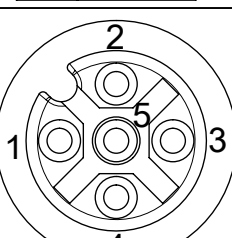
4 POLE



PIN	WIRE
1	BROWN
2	WHITE
3	BLUE
4	BLACK

PIN	WIRE
1	BROWN
2	WHITE
3	BLUE
4	BLACK

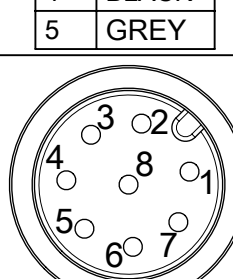
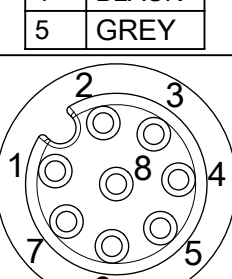
5 POLE



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

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

8 POLE



PIN	WIRE
1	WHITE
2	BROWN
3	GREEN
4	YELLOW
5	GRAY
6	PINK
7	BLUE
8	RED

PIN	WIRE
1	WHITE
2	BROWN
3	GREEN
4	YELLOW
5	GRAY
6	PINK
7	BLUE
8	RED

SHIELD CONNECTED TO
THE COUPLING NUT FROM BOTH SIDE

DOCUMENT STATUS	P1	RELEASE DATE	2023/12/22	02:51:05
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ENGINEERING No -NUMERICAL CODE
(Available parts see PART LIST table. Other parts available upon request.)

88 = M12x1
DOUBLE ENDED

POLES:
3 = 3 POLES
4 = 4 POLES
5 = 5 POLES
8 = 8 POLES

HEADER:
S30 = FEMALE STRAIGHT - MALE STRAIGHT

CABLE TYPE:
BS1= 0.34mm² TPU, SHLD BK
BS2= 0.25mm² TPU, SHLD BK

UNIT:
M = METER

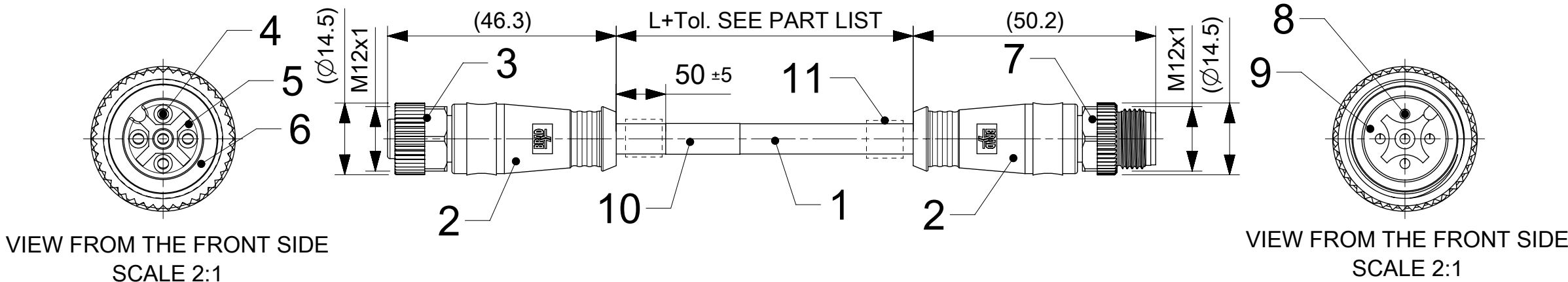
LENGTH:
EXAMPLE:
010 = 1 m
050 = 5 m
100 = 10 m

H=2x ID CARRIER

COUPLING NUT:
BLANK = KNU/HEX
7 = TEFLON KNU

OVERMOULD:
BLANK = BLACK
A = GREY
G = BLACK
Y = YELLOW

88X S30 BS1 BS2 M XX X H



NOTES:

CONTACT CURRENT RATING:
3-5 POLES 4A
8 POLES 2A
VOLTAGE RATING
3-4 POLES 250V
5 POLES 60V
8 POLES 30V
PROTECTION CLASS IP67

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: NEW P/N ADDED				
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
	GENERAL TOLERANCES (UNLESS SPECIFIED)	GENERAL TOLERANCES (UNLESS SPECIFIED)	EC NO: 772068		CSE M12 M12 XP AC FE STR WSOR MA STR XM		
	ANGULAR TOL	ANGULAR TOL	DRWN: RSCHIEBER		PRODUCT CUSTOMER DRAWING		
DIVISIONAL SYMBOLS	4 PLACES	4 PLACES	DRWN: RSCHIEBER		DOCUMENT NUMBER		
	3 PLACES	3 PLACES	CHK'D: RSILLER		1200698654		
	2 PLACES	2 PLACES	APPR: RSILLER		PSD 000 A		
	1 PLACE	1 PLACE	INITIAL REVISION:		MATERIAL NUMBER		
DIVISIONAL SYMBOLS	0 PLACES	0 PLACES	DRWN: RSCHIEBER		CUSTOMER		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION		SEE SHEET 2		
	THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION	DRAWING		GENERAL MARKET		
	A3-SIZE	A3-SIZE	SERIES		SHEET NUMBER		
DIVISIONAL SYMBOLS	120069	120069	MATERIAL NUMBER		1 OF 2		
	120069	120069	CUSTOMER				
	120069	120069					
	120069	120069					

	10	9	8	7	6	5	4	3	2	1				
PART LIST														
MOLEX PN			ENGINEERING No	L+Tol. [mm]	MOLEX PN			ENGINEERING No	L+Tol. [mm]	MOLEX PN		ENGINEERING No	L+Tol. [mm]	
1200698644			883S30BS1M010	1000 +40	1200699539			885S30BS1M005	500 +40	1200698659			888S30BS2M010	1000 +40
1200698645			883S30BS1M020	2000 +60	1200698654			885S30BS1M010	1000 +40	1200698835			888S30BS2M015	1500 +60
1200698646			883S30BS1M030	3000 +60	1200698757			885S30BS1M015	1500 +60	1200698660			888S30BS2M020	2000 +60
1200698647			883S30BS1M050	5000 +60	1200698655			885S30BS1M020	2000 +60	1200698836			888S30BS2M025	2500 +60
1200698648			883S30BS1M100	10000 +80	1200698656			885S30BS1M030	3000 +60	1200698661			888S30BS2M030	3000 +60
					1200698758			885S30BS1M040	4000 +60	1200698837			888S30BS2M040	4000 +60
MOLEX PN			ENGINEERING No	L+Tol. [mm]	1200698657			885S30BS1M050	5000 +60	1200698662			888S30BS2M050	5000 +60
1200698649			884S30BS1M010	1000 +40	1200698658			885S30BS1M100	10000 +80	1200698848			888S30BS2M060	6000 +80
1200698650			884S30BS1M020	2000 +60	1200699482			885S30BS1M100H	10000 +80	1200699815			888S30BS2M070	7000 +80
1200699353			884S30BS1M025	2500 +60	1200699061			885S30BS1M200	20000 +140	1200698663			888S30BS2M100	10000 +80
1200698651			884S30BS1M030	3000 +60	1200699483			885S30BS1M200H	20000 +140	1200698998			888S30BS2M150	15000 +140
1200698652			884S30BS1M050	5000 +60	1200699762			885S30BS1M030H	3000 +60	1200699394			888S30BS2M200	20000 +140
1200698653			884S30BS1M100	10000 +80	1200699763			885S30BS1M150H	15000 +140	1200699600			888S30BS2M500	50000 +500
					1200699764			885S30BS1M300H	30000 +160	1200699754			888S30BS2M300	30000 +160
											A			
CABLE SPECIFICATION														
CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	static	flexing	drag chain tested	shield	other					
BS1 3P,4P,5P	0.34mm ²	TPU black	STYLE 21215	yes	-40°C to +90°C 5xD	-25°C to +80°C 7.5xD	5 mio cycles	braid	WELD SLAG RESISTANCE					
BS2 8P	0.25mm ²													
For Raw Cable Specification see SD-120209-003														
BILL OF MATERIAL														
11	2	ID CARRIER (SEE MATRIX)	PVC	-										
10	1	LABEL YE	VINYL	-										
9	1	INSERT XP MA M12 SH BK	PUR	-										
8	X	CONTACT MA	BRASS	GOLD OVER Ni-PLATED										
7	1	KNU/HEX NUT M12 MA	BRASS	Ni-PLATED										
6	1	GASKET RD	FPM	-										
5	1	INSERT XP FE M12 SH BK	PUR	-										
4	X	CONTACT FE	BRASS	GOLD OVER Ni-PLATED										
3	1	KNU/HEX NUT M12 FE	BRASS	Ni-PLATED										
2	-	OVERMOULD BK	TPU	-										
1	-	CABLE	SEE SHEET 2	-										
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH										
DOCUMENT STATUS	P1	RELEASE DATE	2023/12/22	02:51:05										
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FORMAT: master-b-prod-A3 REVISION: 11 DATE: 2021/05/01														