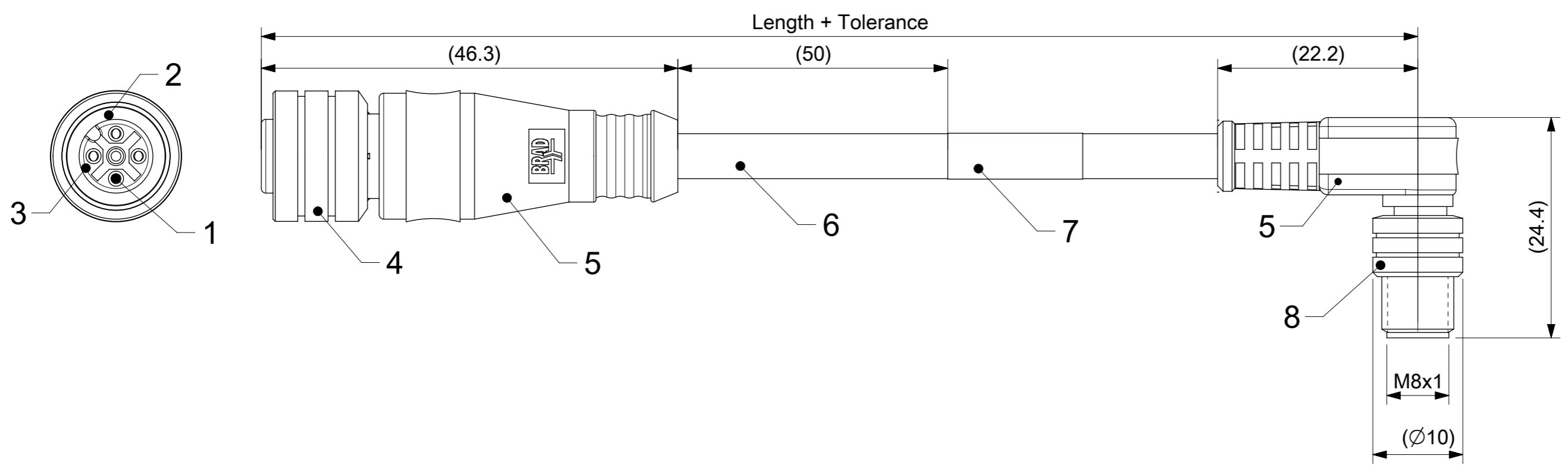


FEMALE PLUG M12 STRAIGHT TO MALE PLUG M8 90°

REVISION A2 REMOVED OBSOLETE PN: 1200668546

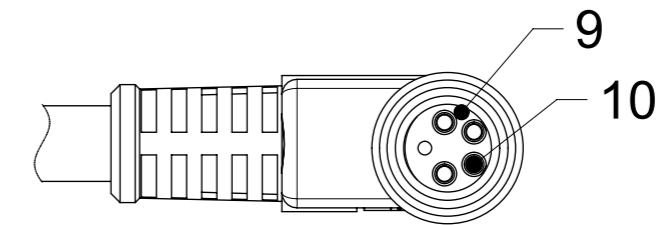


NOTES:
 RATED VOLTAGE: 3 contacts 60V AC/DC
 4 and 5 contacts 30V AC/DC
 CURRENT RATING: 3, 4, 5 contacts 3A
 PROTECTION CLASS: IP 67
 TEMPERATURE: -25°C / +80°C

CONTACTS POSITION FRONT VIEW:

	3 CONTACTS	4 CONTACTS	5 CONTACTS			
M8 - MALE						
M12 - FEMALE						
CONNECTIONS	PIN	WIRE	PIN	WIRE	PIN	WIRE
	1	BROWN	1	BROWN	1	BROWN
	3	BLUE	2	WHITE	2	WHITE
	4	BLACK	3	BLUE	3	BLUE
			4	BLACK	4	BLACK
				5	GREY	

CODING M8 ACCORDING TO IEC 61076-2-104
 CODING M12 ACCORDING TO IEC IEC 61076-2-101



FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
10	3 / 4 / 5	CONTACT M8 MALE	BRASS	SELECTIVE Au OVER Ni
9	1	INSERT MALE M8 BLACK	TPU	---
8	1	COUPLING NUT M8 MALE	BRASS	NICKEL
7	1	LABEL YELLOW	VINYL	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING BLACK	TPU	---
4	1	COUPLING NUT M12 FEMALE	BRASS	NICKEL
3	1	INSERT FEMALE M12 BLACK	PUR	---
2	1	GASKET RED	FPM	---
1	3 / 4 / 5	CONTACT M12 FEMALE	BRASS	SELECTIVE Au OVER Ni

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DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#506884	molex		
mm	2:1				
GENERAL TOLERANCES (UNLESS SPECIFIED)			CSE M12 M8 XP AC FE STR X MA RA XM		
ANGULAR TOL	±	°	PRODUCT CUSTOMER DRAWING		
4 PLACES	±		DOCUMENT NUMBER		
3 PLACES	±		1200669202		
2 PLACES	±		DOC TYPE		
1 PLACE	±		PSD		
0 PLACES	±		DOC PART		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			REVISION		
THIRD ANGLE PROJECTION			A2		
DRAWING			SHEET NUMBER		
A3-SIZE			1 OF 3		
SERIES			MATERIAL NUMBER		
120066			SEE TABLE		
CUSTOMER			GENERAL MARKET		

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

OPTIONS

8 4 X 0 3 2 X X X X X X X X

48=Nano-Change
M8x1 to
Micro-Change
M12x1

Poles:
3=3 Poles
4=4 Poles
5=5 Poles

Heads style:
030=Plug Female Straight
to Plug Male Straight

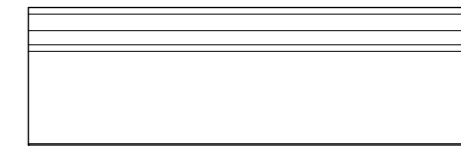
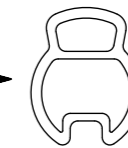
Cable type: See Table

Units:
M=Meter

Length
Examples:
005=0.5 units
010=1 units
100=10 units

Overmold color:
Blank (Standard)=Black

H= 2 pcs. of
I/D Carrier PVC Transparent



CABLE INFORMATION (for more information see Cable Data Sheet).


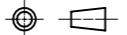
CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
E02	3 / 4 / 5	0.25mm ²	PVC Black	UL 2464/1729	C22.2 I/II A/B 80°/300V	-30°C to +80°C 10xO.D.	-10°C to +80°C 15xO.D.	-	-
P02	3 / 4 / 5	0.25mm ²	PUR/PVC BLACK	-	-	-30°C to +80°C 7xO.D.	-5°C to +80°C 15xO.D.	-	-

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

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DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#506884							
mm	2:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± °	CSE M12 M8 XP AC FE STR X MA RA XM							
4 PLACES	±	PRODUCT CUSTOMER DRAWING							
3 PLACES	±	EC NO: 662770 DRWN: SUGEEB 2021/02/24 CHK'D: GGA 2021/06/02 APPR: GGA 2021/06/02							
2 PLACES	±	INITIAL REVISION:							
1 PLACE	±	DRWN: AKONDRACIUK 2017/02/18 APPR: MIWASIECZKO 2017/02/20							
0 PLACES	±	DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		1200669202		PSD		000		A2	
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
		A3-SIZE		120066		SEE TABLE		GENERAL MARKET	
								SHEET NUMBER	
								2 OF 3	

PART LIST

No	Part No	Engineering No	Cable Length
1	1200668457	843032E02M002G	0.2m
2	1200668458	843032E02M003	0.3m
3	1200668459	843032E02M006	0.6m
4	1200668460	843032E02M020	2m
5	1200668461	843032E02M050	5m
6	1200668462	843032P02M006	0.6m
7	1200668463	843032P02M010	1m
8	1200668464	843032P02M020	2m
9	1200669202	844032P02M006	0.6m
10			
11			
12			
13			
14			
15			
16			
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DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#506884								
mm	2:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)					CSE M12 M8 XP AC FE STR X MA RA XM					
ANGULAR TOL	± °				PRODUCT CUSTOMER DRAWING					
4 PLACES	±	EC NO: 662770			DOCUMENT NUMBER					
3 PLACES	±	DRWN: SUGEEB 2021/02/24			1200669202			DOC TYPE	DOC PART	REVISION
2 PLACES	±	CHK'D: GGA 2021/06/02						PSD	000	A2
1 PLACE	±	APPR: GGA 2021/06/02								
0 PLACES	±	INITIAL REVISION:								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER			
			A3-SIZE	120066	SEE TABLE	GENERAL MARKET	3 OF 3			

DOCUMENT STATUS	P1	RELEASE DATE	2021/06/02	05:45:44
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