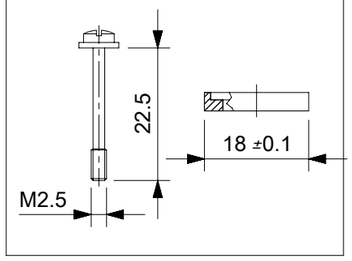
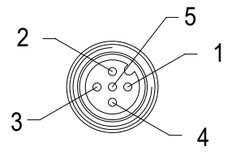
Table of lenght tolerances [mm]		
Over	Up to and including	Tolerance
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

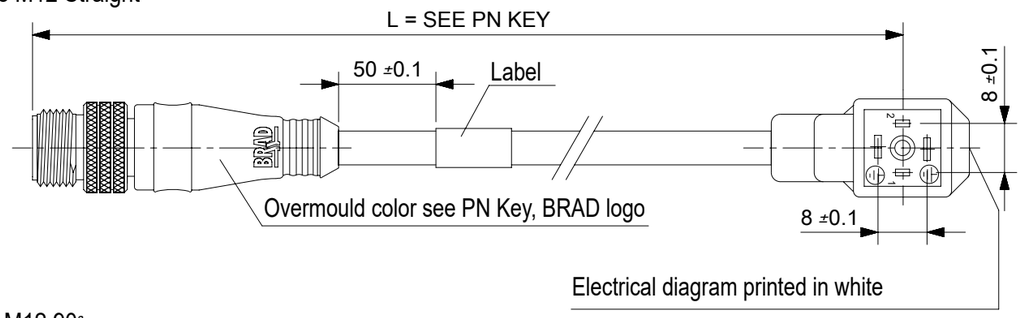
Screw & Gasket
Index of protection: IP 65



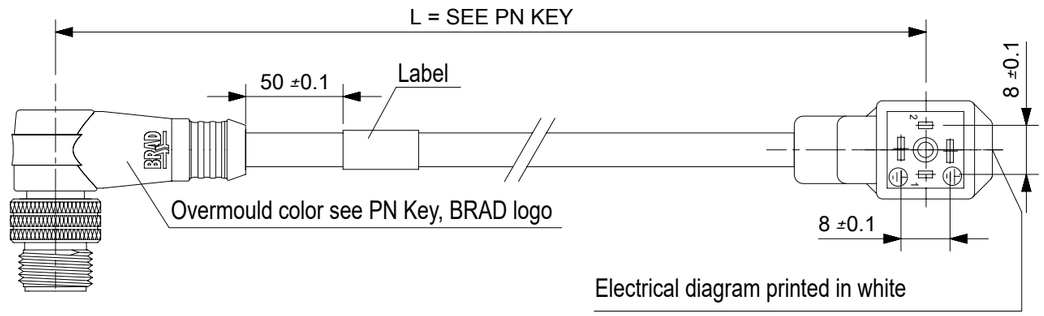
Male M12 Straight

Face view

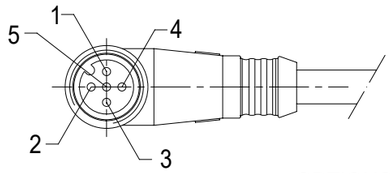




Male M12 90°

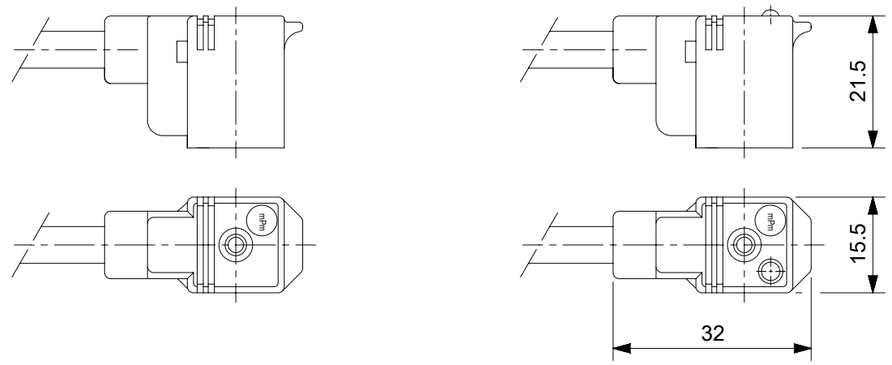


Face view



Connector view for cables without led

Connector view for cables with led



PART No MATRIX - PN KEY

OPTIONS

H	8	5	X	X	X	X	X	X	X	X	X	X	X	X

- H = Form C (8mm contact spacing)
- 8 = MMC Single Keyway
- 5=5 Pole
- Wiring details: 0 = Positive Switching (pin 3&4) 1 = Negative Switching (pin 1&4)
- Electrical configuration: 0 = Without LED/Without circuit; A = S0 24V Yellow LED; B = C4 24V Yellow LED; C = S0 110V Yellow LED; D = C4 110V Yellow LED; E = S0 24V Green LED; F = C4 24V Green LED; G = S0 110V Green LED; H = C4 110V Green LED; J = S0 24V Red LED; K = C4 24V Red LED; L = S0 110V Red LED; M = C4 110V Red LED; S = C4 230V Yellow LED
- DIN Earth Position - o'clock & M12 connector body: 0 = Earth H6/H12, MALE Straight; 2 = Earth H6/H12, MALE 90°
- XXX = Cable Type
- M = Metres; F = Feet
- Length: 020=2 Meters; 050=5 Meters; 200=20 Meters
- Coupling Nut Material: Blank=Standard; 1=Stainless Steel; 5=Delrin; 7=Teflon coat
- H=I/D Carrier; M12 Overmoulding color: Blank=Black Standard; Y=Yellow; A=Grey

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/06/03
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/11/09
APPR: MIWASIECZKO 2012/11/09

FIRST ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 121036

molex

H85XXXXXXXXXX
DIN C + CORDSETS M12

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-121036-004	PSD	001	C1

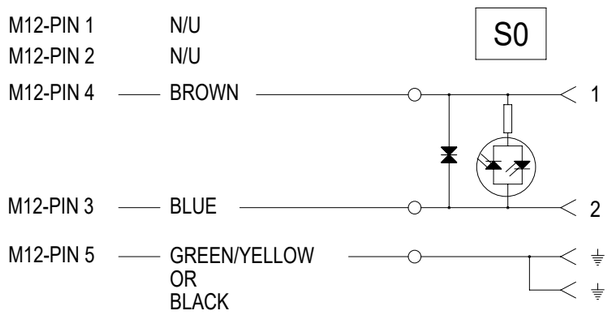
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 3	GENERAL MARKET	1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2025/06/30 13:30:39

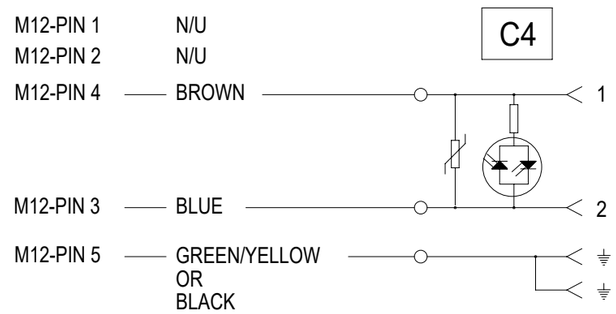
FORMAT: Mel-lega-master-lb-prod-A3
REVISION: E1
DATE: 2021/05/01

Electrical diagrams

Electrical diagram with circuit S0 (zener diode) for:



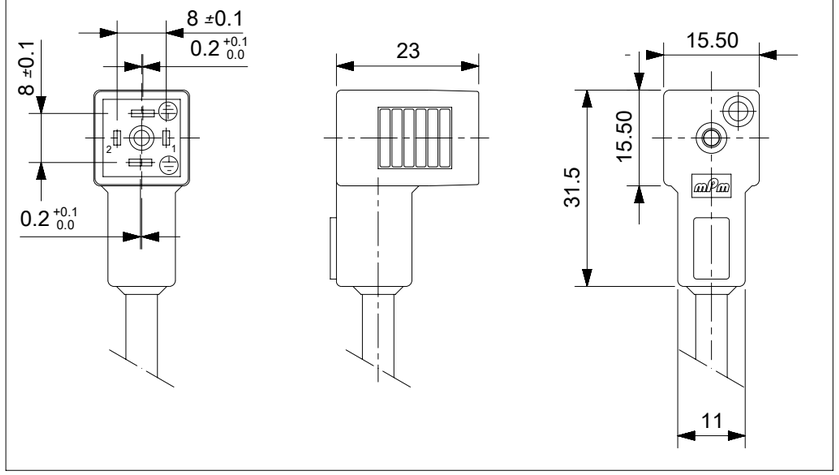
Electrical diagram with circuit C4 (VDR) for:



Cable type

Cable Type	Jacket Material	Jacket Color	Wire cross section	Braid
A58	PVC	Black	20AWG	no
B08	PUR	Yellow	18AWG	no
E03	PVC	Black	0.34mm²	no
E12	PVC	Black	0.5mm²	no
I12	CEI PVC	Grey	0.5mm²	no
P12	PUR	Black	0.5mm²	no
P82	PUR IRR	Orange	0.34mm²	no
B31	PUR	Black	0.5mm²	no

Form shape SMC for PN's with cable B08



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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± °	

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APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/11/09
APPR: MIWASIECZKO 2012/11/09

molex

H85XXXXXXXXXX
DIN C + CORDSETS M12

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-121036-004	PSD	001	C1

FIRST ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	121036	SEE SHEET 3	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2025/06/30 13:30:39

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

PART LIST

Pos.	Molex PN:	Engineering No.:
1	1210350335	H85000P12M030
2	1210350350	H85000P12M011
3	1210360295	H850B0P12M006
4	1210360296	H850B0P12M010
5	1210360392	H850B0P12M020
6	1210360434	H850B0P12M050
7	1210360440	H850B0P12M030
8	1210360467	H850B0E12M010
9	1210360469	H850B0E12M030
10	1210360512	H850A0A58M015
11	1210360513	H850A0A58M020
12	1210360514	H850A0A58M030
13	1210360515	H850A0A58M050
14	1210360516	H850A0A58M070
15	1210360624	H850B0E12M006
16	1210360625	H850B2E12M003
17	1210360761	H850A0A58M100
18	1210360792	H850D0P12M006
19	1210360793	H850D0P12M010
20	1210360794	H850D0P12M020
21	1210360832	H850B2P12M006
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1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± °	

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FIRST ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 121036

molex

H85XXXXXXXXXX
DIN C + CORDSETS M12

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-121036-004	PSD	001	C1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 3	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2025/06/30 13:30:39

FORMAT: Mel-lega-master-lb-prod-A3
REVISION: E1
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