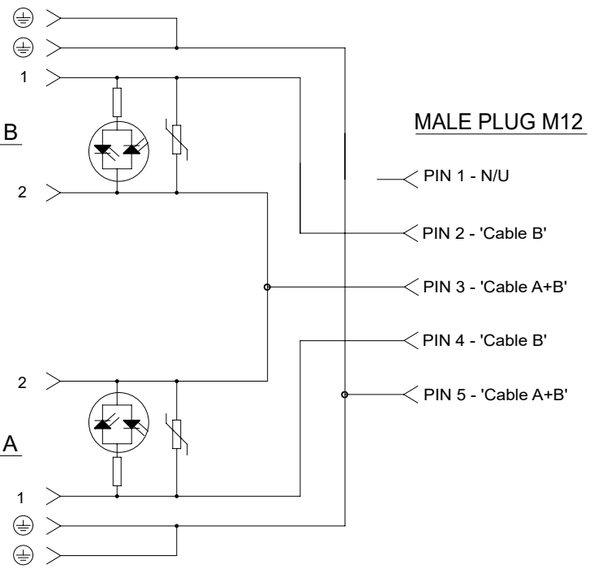
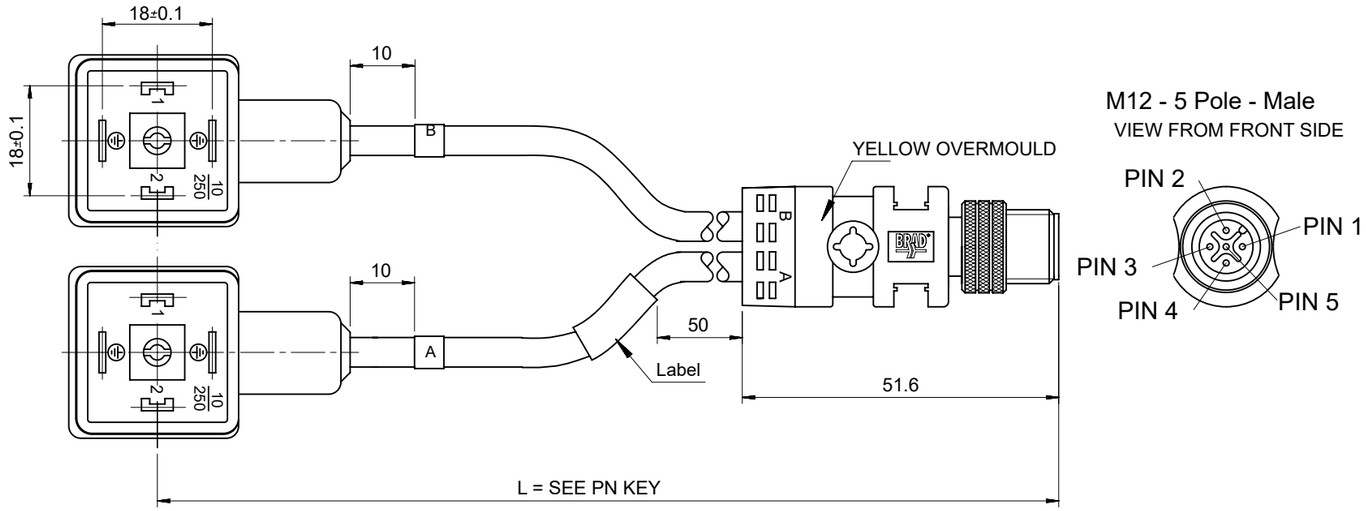
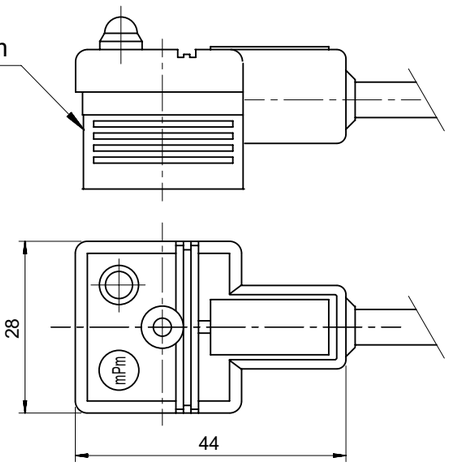
Electrical diagram, DIN CONNECTOR with circuit C4 (VDR)





Electrical diagram
printed in white



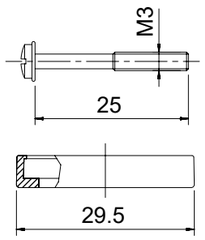
PN's List

Engineering number	SAP Part Number	Cable Length [mm]	Cable type
E85AB0P12M010	1210360577	1000	PUR Black 0.5mm²
E85AB0E12M006	1210360598	600	PUR Black 0.5mm²

Table of lenght tolerances

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 lenght

Screw & Gasket
Index of protection: IP 65



PART No MATRIX - PN KEY

E	8	5	A	B	0	X	X	X	X	X	X	X	X

- E=Form A DIN Standard (18mm contact spacing)
- 8=MMC Single Keyway
- 5=5 Pole
- A=In Line Splitter
- Electrical configuration: B = C4 24V LED Yellow VDR
- DIN Earth Position - o'clock & M12 connector body: 0 = DIN EARTH H6/H12, M12 MALE
- XXX=Cable Type (X - Prefix and XX - Suffix)
- M=Metres F=Feet
- Length: 020=2 Meters 050=5 Meters 200=20 Meters
- Coupling Nut Material Blank=Standard 5=Delrin

Notes:

1. Dimensions without tolerance are referential.

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 2025/05/05
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2014/01/29
APPR: MIWASIECZKO 2014/01/30

molex

E85AB0XXXXXXX
ILS - 2XDIN-A H6/H12 C4H M12 5P AC MA

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-121036-013	PSD	001	B1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	121036	SEE TABLE	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2025/06/30 13:30:41

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