

MOLEX - MPM M8/M12 TO DIN FORM A ADAPTER

E85000

DINA+M12, 3pols 0-115V

- Fully overmolded for better protection
- Quick and simple installation with M8 and M12
- With or without LED and transient protection
- IP-class IP67



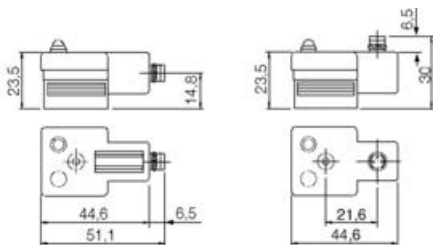
PRODUCT DESCRIPTION

Number of poles	2P+earth
Material in connector	PA (polyamide)
Max. current	4 A
Contact resistance	≤5 mΩ
IP-class	IP67
Temperature range	-20 °C to +120 °C
Electronics	C4: LED+VDR
Gaskets	Nitrile profile gasket+round flat gasket on the screws
Screw	M3x25 mm

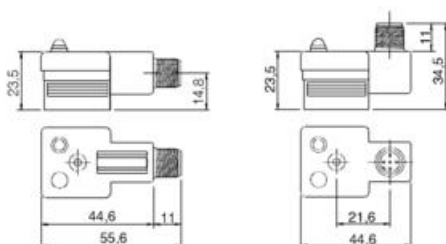
The connectors are supplied complete with rating plate, screw and profile gasket in nitrile.

DIMENSIONS

With M8 connector

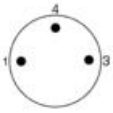


With M12 connector



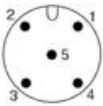
WIRING DIAGRAM

With M8 connector



1= Not used
3= 0 Volt (-)
4= +24 Volt (+)

With M12 connector



1= Not used
2= Not used
3= 0 Volt (-)
4= +24 Volt (+)
5= Earth

ORDER NUMBER

Order no.	Circuit	Connection	Number of poles	Voltage
E85000	-	M12 to the rear	2+earth	0-115 V
E85002	-	M12 angled	2+earth	0-115 V
E850B0	C4	M12 to the rear	2+earth	24 V AC/DC
E850B2	C4	M12 angled	2+earth	24 V AC/DC
E53000	-	M8 to the rear	2+earth	0-115 V
E53002	-	M8 angled	2+earth	0-115 V
E530B0	C4	M8 to the rear	2+earth	24 V AC/DC
E530B2	C4	M8 angled	2+earth	24 V AC/DC

SPECIAL VERSIONS

- Other DIN standards: DIN B Industrial, DIN B, DIN C Industrial or DIN C
- Other circuits
- Other pin configuration

ACCESSORIES

- Profile gasket nitrile G11
- Profile gasket silicone S11
- Screw M3x25

SPECIFICATIONS

Circuit

No circuit

IP Class	IP65
Contact resistance	≤5 mΩ
Color House	Black
LED indicator	No
Temperature range to	90 °C
Temperature range from	-40 °C
Current max	5 A
Rated voltage	250 V AC/300 V DC
Screw size	M3x27
Packing Materials	NBR
Colour LED	No LED
Material needle	Brass

