

## 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

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

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

### DIMENSIONS

<b>With M8 connector</b>	
<b>With M12 connector</b>	

### WIRING DIAGRAM

<b>With M8 connector</b>	
1= Not used 3= 0 Volt (-) 4= +24 Volt (+)	
<b>With M12 connector</b>	

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

Color House	Black
Contact resistance	≤5 mΩ
Current max	5
IP Class	IP65
LED indicator	No
Number of poles	2 + earth
Rated voltage	250 V AC/300 V DC
Screw size	M3x27
Temperature range from	-40
Temperature range to	90

ELECTRICAL DIAGRAM  
Voltage: 230V

WT2		ON
4	Blue	1
3	Blue	2
5	Green/Yellow	3

