

DIN Valve connectors with molded cable, IP65 rated.
IP67 version available on request.

Specifications

ELECTRICAL

Current: max. 3.0A or 5.0A
Contact Resistance: ≤15milliohms max.
Insulation Resistance:
100Megohms min.

MECHANICAL

Insertion and Withdrawal Force:
2+GND ≤ 60N

ENVIRONMENTAL

IP65 sealing protection
(IP67 available on request)

PHYSICAL

Durability: min. 50 cycles
Contact Area: Silver
Operating Temperature with:
Nitrile Rubber (NBR) Gasket:
-40° +90°C
Silicone Gasket: -40° +125°C
Live Contact Distance:
Form A 18mm
Form Industrial 11mm
Form B 10mm
Form C 8mm
Form Micro 9.4mm

Electronic and
Non Electronic

E 8 5 0 B 0

DIN BODY STYLE

D=Form B 10.00mm (2P+Ground)
E=Form A 18.00mm (2P+Double Ground)
F=Form Ind. 11.00mm (2P+Ground)
G=Form Micro 9.40mm (2P+Double Ground)
H=Form C 8.0mm (2P+Double Ground)

BRAD® M8/M12 EXIT

5=Nano-Change M8 Connector
8=Micro-Change M12 Connector

NUMBER OF POLES

3=3 Poles For Mini-Change
5=5 Poles for Micro-Change M12

WIRING

0=Default Standard Wiring

CIRCUIT, VOLTAGE & LED COLOR

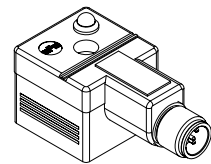
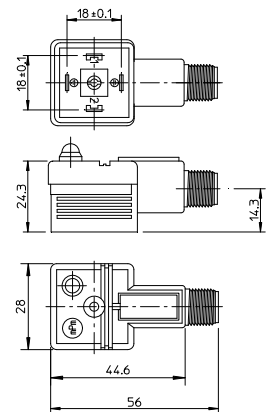
A=Circuit S0 24V and Yellow LED
B=Circuit C4 24V and Yellow LED
C=Circuit S0 110v and Yellow LED
D=Circuit C4 110v and Yellow LED
0=No Circuit

HEAD BODY STYLE

0=Brad® M8 / M12 Male Straight
Ground on DIN Head DIN H6 (H6/12 for cordset with Double Ground)
1=Brad® M8 / M12 Male Straight
Ground on DIN Head DIN H12 (not for Double Ground DIN)

mPm®
DIN Valve
Connectors with
Molded M8/M12

121037 DIN Valve to Brad®
M8/M12 Overmolded Adaptor,
Electronic / Non-Electronic



This technical data is referred on the DIN connector head, for Brad connector data please refer to the proper catalogue

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders

Ground Position	Poles	Circuit	Voltage	LED Color	Engineering No.	Standard Order No.
See drawing	2+Ground	C4	24V AC/DC	yellow	E850B0	121037-0035
					F850B0	121037-0058
					G850B0	121037-0068
					H850B0	121037-0075