

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

Specifications

ELECTRICAL

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

MECHANICAL

Insertion and Withdrawal Force:
2+GND ≤ 60N

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 18.00mm
Form Industrial 11.00mm
Form B 10.00mm
Form C 8.00mm
Form Micro 9.40mm

Electronic and Non Electronic

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)

SECOND END OF CABLE

1=Mini-Change Connector
4=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

SECOND HEAD BODY STYLE

0= Micro-Change M12 Male Straight
Ground on DIN Head DIN H6 (H6/12 for cordset with Double Ground)
1= Micro-Change M12 Male Straight
Ground on DIN Head DIN H12 (not for Double Ground DIN)
2= Micro-Change M12 Male 90°
Ground on DIN Head DIN H6 (H6/12 for cordset with Double Ground)
3= Micro-Change M12 Male 90°
Ground on DIN Head DIN H12 (not for Double Ground DIN)
4= Mini-Change Male Straight
Ground on DIN Head DIN H6 (H6/12 for cordset with Double Ground)
5= Mini-Change Male Straight
Ground on DIN Head DIN H12 (not for Double Ground DIN)
6= Mini-Change Male 90°
Ground on DIN Head DIN H6 (H6/12 for cordset with Double Ground)
7= Mini-Change Male 90°
Ground on DIN Head DIN H12 (not for Double Ground DIN)

CABLE UNIT OF MEASURE

A23=Black PVC 0.75mm²
E12=Black PVC 0.50mm²
P12=Black PUR 0.50mm²
B08=Yellow PUR 18 AWG

CABLE UNIT OF MEASURE

M=Meters

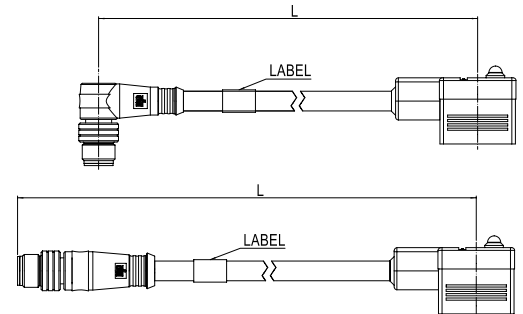
CABLE LENGTH

e.g. 003=0.3m 010=1m 100=10m

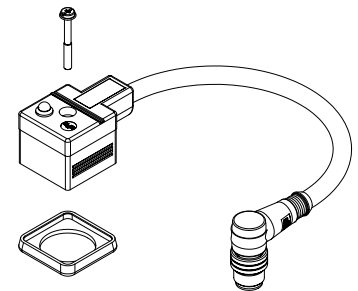
mPm® Molded Cable DIN Valve Connectors

121035 DIN Valve to Brad® M12,
Overmolded, Non-Electronic

121036 DIN Valve to Brad® M12,
Overmolded, 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.
Check Sales Drawing on www.molex.com	2+Ground	C4	24V AC/DC	yellow	D850B0P12M010	121036-0825
					E850B0P12M010	121036-0193
					F850B0P12M010	121036-0255
					G850B0P12M010	121036-0277
					H850B0P12M010	121036-0296