



lumbergautomation

A **BELDEN** BRAND



PROFIBUS Receptacle Connectors

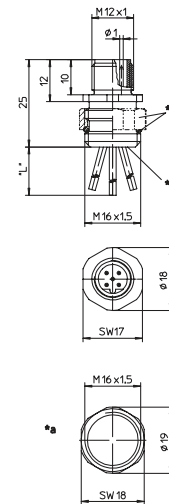
0976 PMC 151



M12 Male

Receptacle connector, M12 male connector for front mounting, 5 poles, B coding, adjustable, assembled stranded wire, solder contacts potted with epoxy, chassis side thread M16 x 1.5.

— especially suitable for Profibus —



*a Adjustable nut and o-ring enclosed separately
*b solder contacts potted with epoxy
*L" 0,5 m

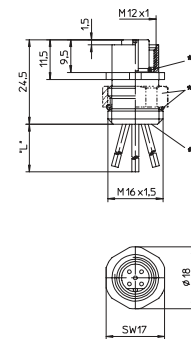
0976 PFC 151



M12 Female

Receptacle connector, M12 female connector for front mounting, 5 poles, B coding, adjustable, assembled stranded wire, solder contacts potted with epoxy, chassis side thread M16 x 1.5.

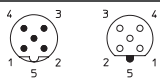
— especially suitable for Profibus —



*a O-Ring
*b adjustable nut and o-ring enclosed separately
*c solder contacts potted with epoxy
*L" 0,5 m

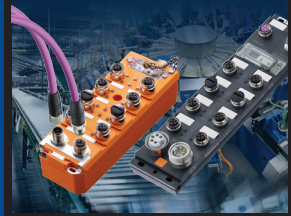
Pin Assignment

M12 - 5 Poles (B-Coding)



1 = brown
2 = green
3 = blue
4 = red
5 = green/yellow

Contact 5 leading



Be Certain with Belden

PROFIBUS Receptacle Connectors
0976 PMC 151 | 0976 PFC 151

Technical Data

Environmental

Degree of protection IP 67 / NEMA 6P
Operating temperature range -25°C (-13°F) / +80°C (+176°F)

Mechanical

Housing / Molded body CuZn, nickel-plated
Insert TPU, self-extinguishing
Contact CuZn, pre-nickel and 0.8 microns gold-plated
O-ring FKM
Adjustable nut CuZn, nickel-plated

Electrical

Contact resistance $\leq 5 \text{ m}\Omega$
Nominal current at 40°C 4 A
Nominal voltage 60 V
Test voltage 1.5 kV eff. / 60 s
Insulation resistance $> 10^9 \Omega$
Pollution degree 3

Part Number	Pins	
0976 PMC 151	5B	UL 
0976 PFC 151	5B	UL 