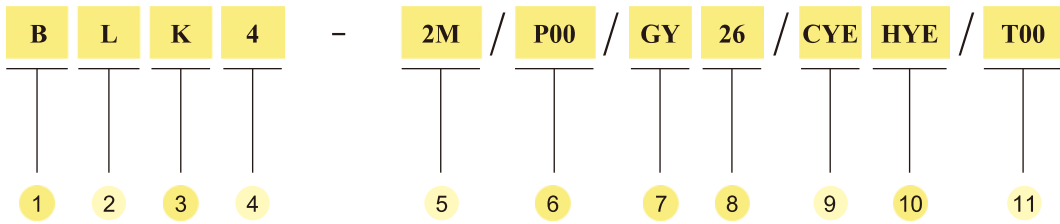


M5 Pre-moulding connector part number key



1 B M5X0.5 Connector

2 Blank Straight
L Angled

3 K Female
Z Male

4 Number of pins
3 1 BN, 3 BU, 4 BK
4 1 BN, 2 WH, 3 BU, 4 BK

5 Length [m]

6 Cable Jacket

7 Color of cable
Blank Standard color
BU Blue (customization)
YE Yellow (customization)
GY Gray (customization)
WH White (customization)
OR Orange (customization)
LGY Light grey (customization)

8 Wire gauge
Blank Standard 2 4AWG(0.25mm²)
26 26AWG:0.14mm² (customization)

9 Color of contact carrier
Blank Standard color black
CYE Yellow contact carrier (customization)

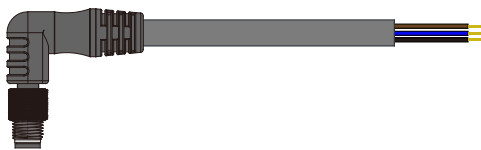
10 Color of plug body
Blank Standard color black
HYE Plug body yellow (customization)
HBU Plug body blue (customization)

11 Varieties

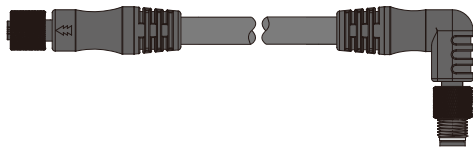
Extension Examples



BK3-*M/P00

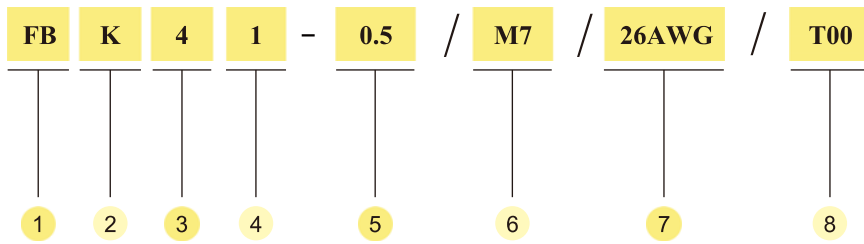


BLZ3-*M/P00



BK4 BLZ4-*M/P00

M5 receptacle part number key



1 FB M5 Receptacle

2 K Female
Z Male

3 Number of pins

4 Termination (mounting style)

1 Rear mount
2 Front mount

5 Length of cable 0.5=0.5m
L Solder cup
P PCB pins

6 Thread Type (Connection thread)

M7 M7X0.75,
Blank M5X0.5,

7 Wire gauge of cable
Blank 24AWG

8 Varieties

3/4 pin M5Pre-moulding connector

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- IP degree:IP67
- Rated current:2A
- Rated voltage:max.60V
- Insulation resistance: $\geq 10^9 \Omega$
- Forward resistance: $\leq 5m\Omega$
- Pollution degree:3
- Temperature range:-25...+85°C
- Mechanical operation: ≥ 100
- Max cable diameter: $\varnothing 4.5$

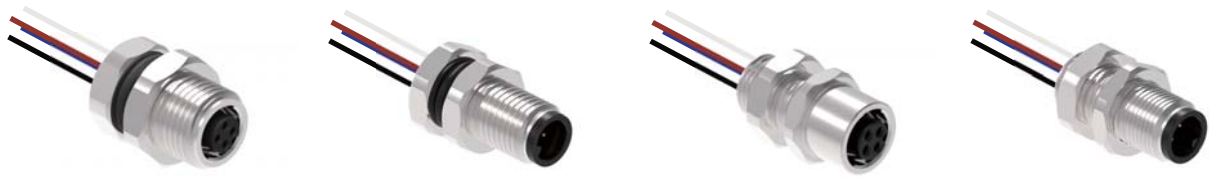


Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female BK..** 	BK3-2M/P00 BK3-5M/P00 BK3-10M/P00	10100400 10100401 10100402	PVC/Black 3x24AWG $\varnothing 3.8mm$ Cable Type NO.: CS032415-*M	1.BN 2.N/C 3.BU 4.BK
Angled Female BLK..** 	BLK3-2M/P00 BLK3-5M/P00 BLK3-10M/P00	10100403 10100404 10100405		
Straight Male BZ..** 	BZ3-2M/P00 BZ3-5M/P00 BZ3-10M/P00	10100406 10100407 10100408	PVC/Black 3x24AWG $\varnothing 3.8mm$ Cable Type NO.: CS032415-*M	1.BN 2.N/C 3.BU 4.BK
Angled Male BLZ..** 	BLZ3-2M/P00 BLZ3-5M/P00 BLZ3-10M/P00	10100409 10100410 10100411		
Straight Female BK..** 	BK4-2M/P00 BK4-5M/P00 BK4-10M/P00	10100412 10100413 10100414	PVC/Black 4x24AWG $\varnothing 3.8mm$ Cable Type NO.: CS042419-*M	1.BN 2.WH 3.BU 4.BK
Angled Female BLK..** 	BLK4-2M/P00 BLK4-5M/P00 BLK4-10M/P00	10100415 10100416 10100417		
Straight Male BZ..** 	BZ4-2M/P00 BZ4-5M/P00 BZ4-10M/P00	10100418 10100419 10100420	PVC/Black 4x24AWG $\varnothing 3.8mm$ Cable Type NO.: CS042419-*M	1.BN 2.WH 3.BU 4.BK
Angled Male BLZ..** 	BLZ4-2M/P00 BLZ4-5M/P00 BLZ4-10M/P00	10100421 10100422 10100423		

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

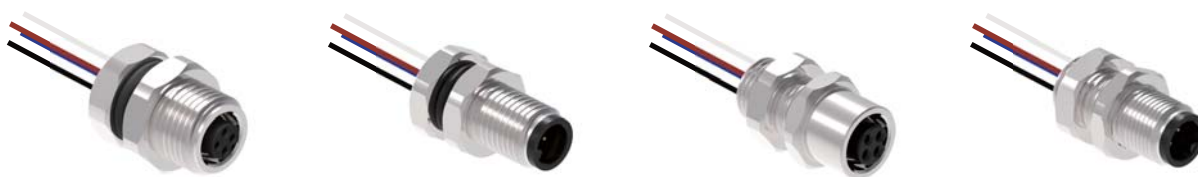
** Standard coupling nut material is nickel plated brass

M5 Receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
Rear mount with wire Female	FBK31-0.5/M7 FBK31-1.0/M7	10100430 10100431	3x0.25mm² PVC -25°C~80°C 60V 1A	1.BN 2.N/C 3.BU 4.BK
Rear mount with wire Male	FBZ31-0.5 FBZ31-1.0	10100432 10100433	3x0.25mm² PVC -25°C~80°C 60V 1A	1.BN 2.N/C 3.BU 4.BK
Front mount with wire Female	FBK32-0.5 FBK32-1.0	10100434 10100435	3x0.25mm² PVC -25°C~80°C 60V 1A	1.BN 2.N/C 3.BU 4.BK
Front mount with wire Male	FBZ32-0.5 FBZ32-1.0	10100436 10100437	3x0.25mm² PVC -25°C~80°C 60V 1A	1.BN 2.N/C 3.BU 4.BK

M5 Receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
Rear mount with wire Female	FBK41-0.5/M7 FBK41-1.0/M7	10100438 10100439	4x0.25mm² PVC -25°C~80°C 60V 1A	1.BN 2.WH 3.BU 4.BK
Rear mount with wire Male	FBZ41-0.5 FBZ41-1.0	10100440 10100441	4x0.25mm² PVC -25°C~80°C 60V 1A	1.BN 2.WH 3.BU 4.BK
Front mount with wire Female	FBK42-0.5 FBK42-1.0	10100442 10100443	4x0.25mm² PVC -25°C~80°C 60V 1A	1.BN 2.WH 3.BU 4.BK
Front mount with wire Male	FBZ42-0.5 FBZ42-1.0	10100444 10100445	4x0.25mm² PVC -25°C~80°C 60V 1A	1.BN 2.WH 3.BU 4.BK