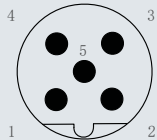


DATA CONNECTORS AND CABLES

Fieldbus Component - Prefabricated Cable

Prefabricated Cable, INTERBUS, M12



Technical parameters

Bus Cable, Flexible Installation, Supplied By The Meter		
Rated voltage	[V]	60
Rated current	[A]	4
Contact resistance		≤5mΩ
Cross-section of the signal line	[mm²]	0.25
Signal line structure		32x0.10mm
It complies with the flame retardant grade determined by UL94		V0
Cable diameter	[mm]	8
Pin insertion/Pin insertion surface coating		CuSn//Ni/Au
Core material		PA66
Protection grade		IP65/IP67/IP69K
Temperature parameter		
Cable, fixed installation	[°C]	-40 ... 80
Cable, movable installation	[°C]	-30 ... 70
Needle type/hole type	[°C]	-25 ... 90

Order data

	Model	Order Number	Model	Order Number
0.3m	IB-OE-OE-8BI/L0003	3320000003	IB-MSB-OE-8BI/L0003	3320100003
0.5m	IB-OE-OE-8BI/L0005	3320000005	IB-MSB-OE-8BI/L0005	3320100005
1m	IB-OE-OE-8BI/L0010	3320000010	IB-MSB-OE-8BI/L0010	3320100010
2m	IB-OE-OE-8BI/L0020	3320000020	IB-MSB-OE-8BI/L0020	3320100020
5m	IB-OE-OE-8BI/L0050	3320000050	IB-MSB-OE-8BI/L0050	3320100050
10m	IB-OE-OE-8BI/L0100	3320000100	IB-MSB-OE-8BI/L0100	3320100100
15m	IB-OE-OE-8BI/L0150	3320000150	IB-MSB-OE-8BI/L0150	3320100150
20m	IB-OE-OE-8BI/L0200	3320000200	IB-MSB-OE-8BI/L0200	3320100200
可订制	IB-OE-OE-8BI/L0000	3320000000	IB-MSB-OE-8BI/L0000	3320100000

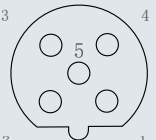
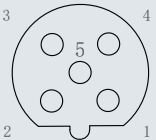
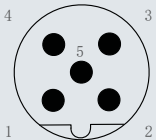
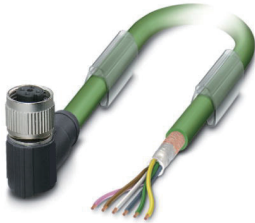
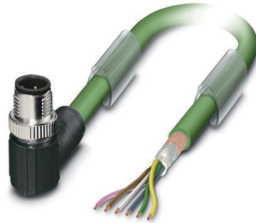
Signal Indication, Line Allocation

M12	Core wire color	Signal
1	yellow	DO
2	green	DO
3	Grey	DI
4	pink	DI
5	brown	COM
	white	NC

DATA CONNECTORS AND CABLES

Fieldbus Component - Prefabricated Cable

Prefabricated Cable, INTERBUS, M12



M12		
Rated voltage	[V]	60
Rated current	[A]	4
Contact resistance		≤5mΩ
Cross-section of the signal line	[mm²]	0.25
Signal line structure		32x0.10mm
It complies with the flame retardant grade determined by UL94		V0
Cable diameter	[mm]	8
Pin insertion/Pin insertion surface coating		CuSn//Ni/Au
Core material		PA66
Protection grade		IP65/IP67/IP69K
Temperature parameter		
Cable, fixed installation	[°C]	-40 ... 80
Cable, movable installation	[°C]	-30 ... 70
Needle type/hole type	[°C]	-25 ... 90

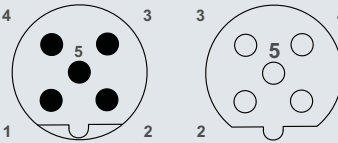
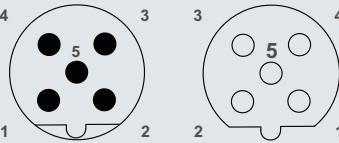
Model	Order Number	Model	Order Number	Model	Order Number
IB-MRB-OE-8BI/L0003	3320200003	IB-FSB-OE-8BI/L0003	3320300003	IB-FRB-OE-8BI/L0003	3320400003
IB-MRB-OE-8BI/L0005	3320200005	IB-FSB-OE-8BI/L0005	3320300005	IB-FRB-OE-8BI/L0005	3320400005
IB-MRB-OE-8BI/L0010	3320200010	IB-FSB-OE-8BI/L0010	3320300010	IB-FRB-OE-8BI/L0010	3320400010
IB-MRB-OE-8BI/L0020	3320200020	IB-FSB-OE-8BI/L0020	3320300020	IB-FRB-OE-8BI/L0020	3320400020
IB-MRB-OE-8BI/L0050	3320200050	IB-FSB-OE-8BI/L0050	3320300050	IB-FRB-OE-8BI/L0050	3320400050
IB-MRB-OE-8BI/L0100	3320200100	IB-FSB-OE-8BI/L0100	3320300100	IB-FRB-OE-8BI/L0100	3320400100
IB-MRB-OE-8BI/L0150	3320200150	IB-FSB-OE-8BI/L0150	3320300150	IB-FRB-OE-8BI/L0150	3320400150
IB-MRB-OE-8BI/L0200	3320200200	IB-FSB-OE-8BI/L0200	3320300200	IB-FRB-OE-8BI/L0200	3320400200
IB-MRB-OE-8BI/L0000	3320200000	IB-FSB-OE-8BI/L0000	3320300000	IB-FRB-OE-8BI/L0000	3320400000

M12	Core wire color	Signal	M12	Core wire color	Signal	M12	Core wire color	Signal
1	yellow	DO	1	yellow	DO	1	yellow	DO
2	green	DO	2	green	DO	2	green	DO
3	Grey	DI	3	Grey	DI	3	Grey	DI
4	pink	DI	4	pink	DI	4	pink	DI
5	brown	COM	5	brown	COM	5	brown	COM
	white	NC		white	NC		white	NC

DATA CONNECTORS AND CABLES

Fieldbus Component - Prefabricated Cable

Prefabricated cable, INTERBUS, M12



Technical parameters

	M12 60 4 ≤5mΩ 0.25 32x0.10mm V0 8 CuSn//Ni/Au PA66 IP65/IP67/IP69K	M12 60 4 ≤5mΩ 0.25 32x0.10mm V0 8 CuSn//Ni/Au PA66 IP65/IP67/IP69K
	-40 ... 80 -30 ... 70 -25 ... 90	-40 ... 80 -30 ... 70 -25 ... 90

Order data

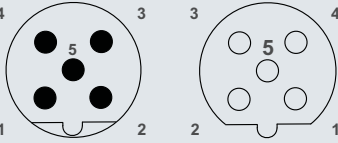
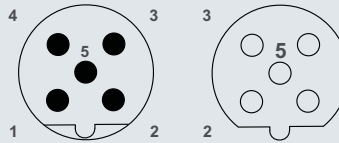
	Model	Order Number	Model	Order Number
0.3m	IB-MSB-FSB-8BI/L0003	3320130003	IB-MRB-FSB-8BI/L0003	3320230003
0.5m	IB-MSB-FSB-8BI/L0005	3320130005	IB-MRB-FSB-8BI/L0005	3320230005
1m	IB-MSB-FSB-8BI/L0010	3320130010	IB-MRB-FSB-8BI/L0010	3320230010
2m	IB-MSB-FSB-8BI/L0020	3320130020	IB-MRB-FSB-8BI/L0020	3320230020
5m	IB-MSB-FSB-8BI/L0050	3320130050	IB-MRB-FSB-8BI/L0050	3320230050
10m	IB-MSB-FSB-8BI/L0100	3320130100	IB-MRB-FSB-8BI/L0100	3320230100
15m	IB-MSB-FSB-8BI/L0150	3320130150	IB-MRB-FSB-8BI/L0150	3320230150
20m	IB-MSB-FSB-8BI/L0200	3320130200	IB-MRB-FSB-8BI/L0200	3320230200
可订制	IB-MSB-FSB-8BI/L0000	3320130000	IB-MRB-FSB-8BI/L0000	3320230000

Signal Indication, Line Allocation

M12	Core wire color	Signal	M12	M12	Core wire color	Signal	M12
1	yellow	DO	1	1	yellow	DO	1
2	green	DO	2	2	green	DO	2
3	Grey	DI	3	3	Grey	DI	3
4	pink	DI	4	4	pink	DI	4
5	brown	COM	5	5	brown	COM	5
	white	NC			white	NC	

DATA CONNECTORS AND CABLES

Fieldbus Component - Prefabricated Cable



Technical parameters

Rated voltage Rated current Contact resistance Cross-section of the signal line Signal line structure It complies with the flame retardant grade determined by UL94 Cable diameter Pin insertion/Pin insertion surface coating Core material Protection grade Temperature parameter Cable, fixed installation Cable, movable installation Needle type/hole type	[V] [A] [mm²] [mm] [°C] [°C] [°C]	M12 60 4 ≤5mΩ 0.25 32x0.10mm V0 8 CuSn//Ni/Au PA66 IP65/IP67/IP69K -40 ... 80 -30 ... 70 -25 ... 90	M12 60 4 ≤5mΩ 0.25 32x0.10mm V0 8 CuSn//Ni/Au PA66 IP65/IP67/IP69K -40 ... 80 -30 ... 70 -25 ... 90
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Order data

	Model	Order Number	Model	Order Number
0.3m	IB-MSB-FRB-8BI/L0003	3320140003	IB-MRB-FRB-8BI/L0003	3320240003
0.5m	IB-MSB-FRB-8BI/L0005	3320140005	IB-MRB-FRB-8BI/L0005	3320240005
1m	IB-MSB-FRB-8BI/L0010	3320140010	IB-MRB-FRB-8BI/L0010	3320240010
2m	IB-MSB-FRB-8BI/L0020	3320140020	IB-MRB-FRB-8BI/L0020	3320240020
5m	IB-MSB-FRB-8BI/L0050	3320140050	IB-MRB-FRB-8BI/L0050	3320240050
10m	IB-MSB-FRB-8BI/L0100	3320140100	IB-MRB-FRB-8BI/L0100	3320240100
15m	IB-MSB-FRB-8BI/L0150	3320140150	IB-MRB-FRB-8BI/L0150	3320240150
20m	IB-MSB-FRB-8BI/L0200	3320140200	IB-MRB-FRB-8BI/L0200	3320240200
可订制	IB-MSB-FRB-8BI/L0000	3320140000	IB-MRB-FRB-8BI/L0000	3320240000

Signal Indication, Line Allocation

M12	Core wire color	Signal	M12	M12	Core wire color	Signal	M12
1	yellow	DO	1	1	yellow	DO	1
2	green	DO	2	2	green	DO	2
3	Grey	DI	3	3	Grey	DI	3
4	pink	DI	4	4	pink	DI	4
5	brown	COM	5	5	brown	COM	5
	white	NC			white	NC	