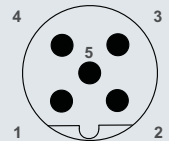


Fieldbus Component - Prefabricated Cable

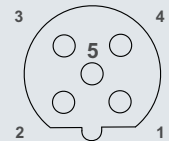
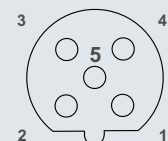
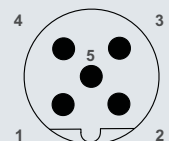
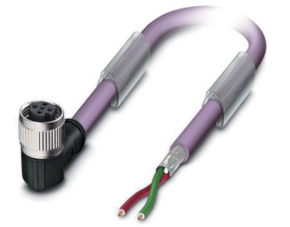
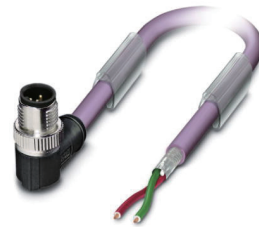


Rated voltage	[V]	250	M12
Rated current	[A]	4	250
Contact resistance		≤5mΩ	4
Cross-section of the signal line	[mm²]	0.25	≤5mΩ
Signal line structure		19x0.13mm	0.25
It complies with the flame retardant grade determined by UL94		V0	19x0.13mm
Cable diameter	[mm]	7.8	V0
Pin insertion/Pin insertion surface coating		CuSn//Ni/Au	7.8
Core material		PA66	CuSn//Ni/Au
Protection grade		IP65/IP67/IP69K	PA66
Temperature parameter			IP65/IP67/IP69K
Cable, fixed installation	[°C]	-40 ... 80	-40 ... 80
Cable, movable installation	[°C]	-20 ... 80	-20 ... 80
Needle type/hole type	[°C]	-25 ... 90	-25 ... 90

	Model	Order Number	Model	Order Number
0.3m	DP-OE-OE-8BP/L0003	3321000003	DP-MSB-OE-8BP/L0003	3321100003
0.5m	DP-OE-OE-8BP/L0005	3321000005	DP-MSB-OE-8BP/L0005	3321100005
1m	DP-OE-OE-8BP/L0010	3321000010	DP-MSB-OE-8BP/L0010	3321100010
2m	DP-OE-OE-8BP/L0020	3321000020	DP-MSB-OE-8BP/L0020	3321100020
5m	DP-OE-OE-8BP/L0050	3321000050	DP-MSB-OE-8BP/L0050	3321100050
10m	DP-OE-OE-8BP/L0100	3321000100	DP-MSB-OE-8BP/L0100	3321100100
15m	DP-OE-OE-8BP/L0150	3321000150	DP-MSB-OE-8BP/L0150	3321100150
20m	DP-OE-OE-8BP/L0200	3321000200	DP-MSB-OE-8BP/L0200	3321100200
Customizable	DP-OE-OE-8BP/L0000	3321000000	DP-MSB-OE-8BP/L0000	3321100000

		M12	Core wire color	Signal
		2	green	ACable
		4	red	BCable

Fieldbus Component - Prefabricated Cable



- 40 ... 80
- 20 ... 80
- 25 ... 90

- 40 ... 80
- 20 ... 80
- 25 ... 90

- 40 ... 80
- 20 ... 80
- 25 ... 90

M12	Co
2	gr
4	re

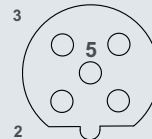
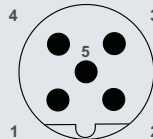
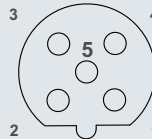
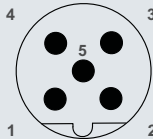
	M12	Con
	2	gre
	4	red

M12	Con	
2	gre	
4	red	

DATA CONNECTORS AND CABLES

Fieldbus Component - Prefabricated Cable

Prefabricated Cable, PROFIBUS DP, M12



Technical parameters

Rated voltage	[V]	M12	250
Rated current	[A]	4	4
Contact resistance		≤5mΩ	
Cross-section of the signal line	[mm²]	0.25	0.25
Signal line structure		19x0.13mm	
It complies with the flame retardant grade determined by UL94		V0	
Cable diameter	[mm]	7.8	7.8
Pin insertion/Pin insertion surface coating		CuSn//Ni/Au	CuSn//Ni/Au
Core material		PA66	PA66
Protection grade		IP65/IP67/IP69K	IP65/IP67/IP69K
Temperature parameter			
Cable, fixed installation	[°C]	-40 ... 80	-40 ... 80
Cable, movable installation	[°C]	-20 ... 80	-20 ... 80
Needle type/hole type	[°C]	-25 ... 90	-25 ... 90

Order data

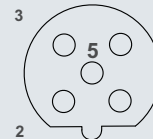
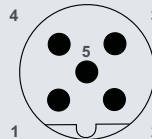
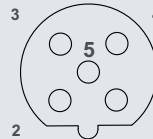
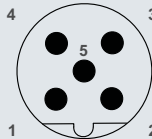
	Model	Order Number	Model	Order Number
0.3m	DP-MSB-FSB-8BP/L0003	3321130003	DP-MRB-FSB-8BP/L0003	3321230003
0.5m	DP-MSB-FSB-8BP/L0005	3321130005	DP-MRB-FSB-8BP/L0005	3321230005
1m	DP-MSB-FSB-8BP/L0010	3321130010	DP-MRB-FSB-8BP/L0010	3321230010
2m	DP-MSB-FSB-8BP/L0020	3321130020	DP-MRB-FSB-8BP/L0020	3321230020
5m	DP-MSB-FSB-8BP/L0050	3321130050	DP-MRB-FSB-8BP/L0050	3321230050
10m	DP-MSB-FSB-8BP/L0100	3321130100	DP-MRB-FSB-8BP/L0100	3321230100
15m	DP-MSB-FSB-8BP/L0150	3321130150	DP-MRB-FSB-8BP/L0150	3321230150
20m	DP-MSB-FSB-8BP/L0200	3321130200	DP-MRB-FSB-8BP/L0200	3321230200
Customizable	DP-MSB-FSB-8BP/L0000	3321130000	DP-MRB-FSB-8BP/L0000	3321230000

Signal Indication, Line Allocation

M12	Core wire color	Signal	M12	M12	Core wire color	Signal	M12
2	green	ACable	2	2	green	ACable	2
4	red	BCable	4	4	red	BCable	4

DATA CONNECTORS AND CABLES

Fieldbus Component - Prefabricated Cable



Technical parameters

Rated voltage	[V]	M12	250
Rated current	[A]	4	4
Contact resistance		≤5mΩ	
Cross-section of the signal line	[mm²]	0.25	0.25
Signal line structure		19x0.13mm	
It complies with the flame retardant grade determined by UL94		V0	
Cable diameter	[mm]	7.8	7.8
Pin insertion/Pin insertion surface coating		CuSn//Ni/Au	CuSn//Ni/Au
Core material		PA66	PA66
Protection grade		IP65/IP67/IP69K	IP65/IP67/IP69K
Temperature parameter			
Cable, fixed installation	[°C]	-40 ... 80	-40 ... 80
Cable, movable installation	[°C]	-20 ... 80	-20 ... 80
Needle type/hole type	[°C]	-25 ... 90	-25 ... 90

Order data

	Model	Order Number	Model	Order Number
0.3m	DP-MSB-FRB-8BP/L0003	3321140003	DP-MRB-FRB-8BP/L0003	3321240003
0.5m	DP-MSB-FRB-8BP/L0005	3321140005	DP-MRB-FRB-8BP/L0005	3321240005
1m	DP-MSB-FRB-8BP/L0010	3321140010	DP-MRB-FRB-8BP/L0010	3321240010
2m	DP-MSB-FRB-8BP/L0020	3321140020	DP-MRB-FRB-8BP/L0020	3321240020
5m	DP-MSB-FRB-8BP/L0050	3321140050	DP-MRB-FRB-8BP/L0050	3321240050
10m	DP-MSB-FRB-8BP/L0100	3321140100	DP-MRB-FRB-8BP/L0100	3321240100
15m	DP-MSB-FRB-8BP/L0150	3321140150	DP-MRB-FRB-8BP/L0150	3321240150
20m	DP-MSB-FRB-8BP/L0200	3321140200	DP-MRB-FRB-8BP/L0200	3321240200
Customizable	DP-MSB-FRB-8BP/L0000	3321140000	DP-MRB-FRB-8BP/L0000	3321240000

Signal Indication, Line Allocation

M12	Core wire color	Signal	M12	M12	Core wire color	Signal	M12
2	green	ACable	2	2	green	ACable	2
4	red	BCable	4	4	red	BCable	4