

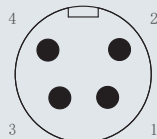
DATA CONNECTORS AND CABLES

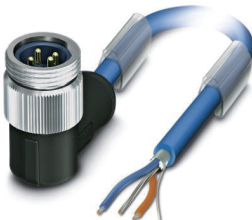
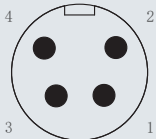
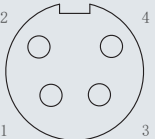
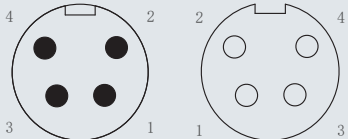
Fieldbus Components - Prefabricated Cables

Prefabricated cable, FOUNDATION Fieldbus, 7/8"

DATA CONNECTORS AND CABLES

Fieldbus Components - Prefabricated Cables

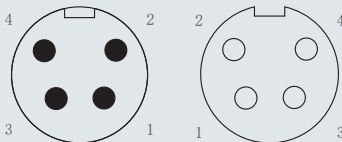
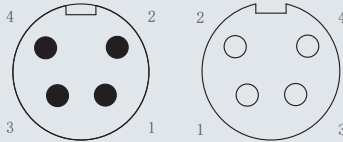
 			
Technical parameters			
Rated voltage	[V]	7/8"	7/8"
Rated current	[A]	-	-
Contact resistance		≤ 5mΩ	≤ 5mΩ
Applicable cross-section of the conductor	AWG	18	18
Pin insertion material		CuZn	CuZn
Material of the pin insertion surface		AU	AU
Core material		PA66	PA66
Plug material		TPU	TPU
Screw ring material		Stainless steel	Stainless steel
Protection grade		IP67	IP67
Temperature parameter			
Cable, fixed installation	[°C]	-30 ... 105	-30 ... 105
Needle type/hole type	[°C]	-40 ... 105	-40 ... 105
Order data			
	Model	Order Number	Model

					
					
					
7/8"					
-					
5.2					
≤ 5mΩ					
18					
CuZn					
AU					
PA66					
TPU					
Stainless steel					
IP67					
-30 ... 105					
-40 ... 105					
Model			Model		
FD-7/8FSA-OE-8BA /L0003			FD-7/8MSA-FSA-8BA /L0003		
FD-7/8FSA-OE-8BA/L0005			FD-7/8MSA-FSA-8BA/L0005		
FD-7/8FSA-OE-8BA/L0010			FD-7/8MSA-FSA-8BA/L0010		
FD-7/8FSA-OE-8BA/L0020			FD-7/8MSA-FSA-8BA/L0020		
FD-7/8FSA-OE-8BA/L0050			FD-7/8MSA-FSA-8BA/L0050		
FD-7/8FSA-OE-8BA/L0100			FD-7/8MSA-FSA-8BA/L0100		
FD-7/8FSA-OE-8BA/L0150			FD-7/8MSA-FSA-8BA/L0150		
FD-7/8FSA-OE-8BA/L0200			FD-7/8MSA-FSA-8BA/L0200		
FD-7/8FSA-OE-8BA/L0000			FD-7/8MSA-FSA-8BA/L0000		
7/8"			7/8"		
Core wire color			Core wire color		
Signal			Signal		
1			1		
2			2		
3			3		
4			4		

DATA CONNECTORS AND CABLES

Fieldbus Components - Prefabricated Cables

Prefabricated cable, FOUNDATION Fieldbus, M12 stainless steel



Technical parameters

Rated voltage	[V]	M12	300
Rated current	[A]	5.2	5.2
Contact resistance		≤ 5mΩ	≤ 5mΩ
Applicable cross-section of the conductor	AWG	18	18
Pin insertion material		CuZn	CuZn
Material of the pin insertion surface		AU	AU
Core material		PA66	PA66
Plug material		TPU	TPU
Screw ring material		Stainless steel	Stainless steel
Protection grade		IP65/IP67/IP68/IP69K	IP65/IP67/IP68/IP69K
Temperature parameter			
Cable, fixed installation	[°C]	-30 ... 105	-30 ... 105
Needle type/hole type	[°C]	-25 ... 90	-25 ... 90

Order data

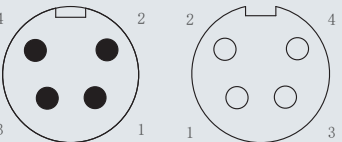
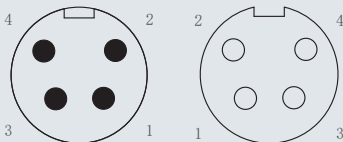
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	0.3m	FD-12MSA-FSA-8BF /L0003	3344130003	FD-12MRA-FSA-8BF /L0003	3344230003
	0.5m	FD-12MSA-FSA-8BF /L0005	3344130005	FD-12MRA-FSA-8BF /L0005	3344230005
	1m	FD-12MSA-FSA-8BF /L0010	3344130010	FD-12MRA-FSA-8BF /L0010	3344230010
	2m	FD-12MSA-FSA-8BF /L0020	3344130020	FD-12MRA-FSA-8BF /L0020	3344230020
	5m	FD-12MSA-FSA-8BF /L0050	3344130050	FD-12MRA-FSA-8BF /L0050	3344230050
	10m	FD-12MSA-FSA-8BF /L0100	3344130100	FD-12MRA-FSA-8BF /L0100	3344230100
	15m	FD-12MSA-FSA-8BF /L0150	3344130150	FD-12MRA-FSA-8BF /L0150	3344230150
	20m	FD-12MSA-FSA-8BF /L0200	3344130200	FD-12MRA-FSA-8BF /L0200	3344230200
	25m	FD-12MSA-FSA-8BF /L0250	3344130250	FD-12MRA-FSA-8BF /L0250	3344230250
	30m	FD-12MSA-FSA-8BF /L0300	3344130300	FD-12MRA-FSA-8BF /L0300	3344230300
	40m	FD-12MSA-FSA-8BF /L0400	3344130400	FD-12MRA-FSA-8BF /L0400	3344230400
	50m	FD-12MSA-FSA-8BF /L0500	3344130500	FD-12MRA-FSA-8BF /L0500	3344230500
	Customizable	FD-12MSA-FSA-8BF /L0000	3344130000	FD-12MRA-FSA-8BF /L0000	3344230000

Signal Indication, Line Allocation

M12	Core wire color	Signal	M12	M12	Core wire color	Signal	M12
1	blue	DATA-	1	1	blue	DATA-	1
2	orange	DATA+	2	2	orange	DATA+	2
3	Shielding		3	3	Shielding		3
4	n.c.		4	4	n.c.		4

DATA CONNECTORS AND CABLES

Fieldbus Components - Prefabricated Cables



Technical parameters

Rated voltage	[V]	M12	300
Rated current	[A]	5.2	5.2
Contact resistance		≤ 5mΩ	≤ 5mΩ
Applicable cross-section of the conductor	AWG	18	18
Pin insertion material		CuZn	CuZn
Material of the pin insertion surface		AU	AU
Core material		PA66	PA66
Plug material		TPU	TPU
Screw ring material		Stainless steel	Stainless steel
Protection grade		IP65/IP67/IP68/IP69K	IP65/IP67/IP68/IP69K
Temperature parameter			
Cable, fixed installation	[°C]	-30 ... 105	-30 ... 105
Needle type/hole type	[°C]	-25 ... 90	-25 ... 90

Order data

		Model	Order Number	Model	Order Number
	0.3m	FD-12MSA-FRA-8BF /L0003	3344140003	FD-12MRA-FRA-8BF /L0003	3344240003
	0.5m	FD-12MSA-FRA-8BF /L0005	3344140005	FD-12MRA-FRA-8BF /L0005	3344240005
	1m	FD-12MSA-FRA-8BF /L0010	3344140010	FD-12MRA-FRA-8BF /L0010	3344240010
	2m	FD-12MSA-FRA-8BF /L0020	3344140020	FD-12MRA-FRA-8BF /L0020	3344240020
	5m	FD-12MSA-FRA-8BF /L0050	3344140050	FD-12MRA-FRA-8BF /L0050	3344240050
	10m	FD-12MSA-FRA-8BF /L0100	3344140100	FD-12MRA-FRA-8BF /L0100	3344240100
	15m	FD-12MSA-FRA-8BF /L0150	3344140150	FD-12MRA-FRA-8BF /L0150	3344240150
	20m	FD-12MSA-FRA-8BF /L0200	3344140200	FD-12MRA-FRA-8BF /L0200	3344240200
	25m	FD-12MSA-FRA-8BF /L0250	3344140250	FD-12MRA-FRA-8BF /L0250	3344240250
	30m	FD-12MSA-FRA-8BF /L0300	3344140300	FD-12MRA-FRA-8BF /L0300	3344240300
	40m	FD-12MSA-FRA-8BF /L0400	3344140400	FD-12MRA-FRA-8BF /L0400	3344240400
	50m	FD-12MSA-FRA-8BF /L0500	3344140500	FD-12MRA-FRA-8BF /L0500	3344240500
	Customizable	FD-12MSA-FRA-8BF /L0000	3344140000	FD-12MRA-FRA-8BF /L0000	3344240000

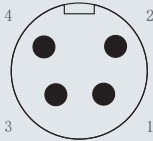
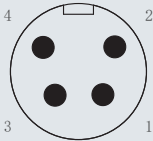
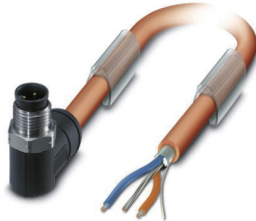
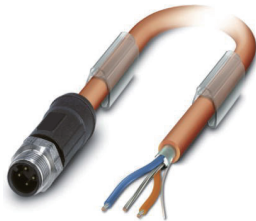
Signal Indication, Line Allocation

M12	Core wire color	Signal	M12	M12	Core wire color	Signal	M12
1	blue	DATA-	1	1	blue	DATA-	1
2	orange	DATA+	2	2	orange	DATA+	2
3	Shielding		3	3	Shielding		3
4	n.c.		4	4	n.c.		4

DATA CONNECTORS AND CABLES

Fieldbus Components - Prefabricated Cables

Prefabricated cable, FOUNDATION Fieldbus, M12 stainless steel



Technical parameters

Rated voltage	[V]	M12	300
Rated current	[A]	5.2	5.2
Contact resistance		≤ 5mΩ	≤ 5mΩ
Applicable cross-section of the conductor	AWG	18	18
Pin insertion material		CuZn	CuZn
Material of the pin insertion surface		AU	AU
Core material		PA66	PA66
Plug material		TPU	TPU
Screw ring material		Stainless steel	Stainless steel
Protection grade		IP65/IP67/IP68/IP69K	IP65/IP67/IP68/IP69K
Temperature parameter			
Cable, fixed installation	[°C]	-30 ... 105	-30 ... 105
Needle type/hole type	[°C]	-25 ... 90	-25 ... 90

Order data

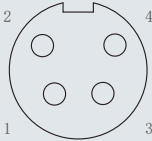
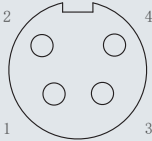
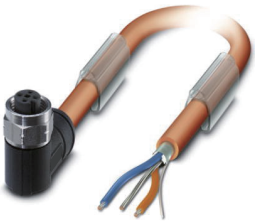
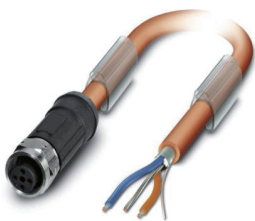
	Model	Order Number	Model	Order Number
0.3m	FD-12MSA-OE-8BF /L0003	3344100003	FD-12MRA-OE-8BF /L0003	3344200003
0.5m	FD-12MSA-OE-8BF /L0005	3344100005	FD-12MRA-OE-8BF /L0005	3344200005
1m	FD-12MSA-OE-8BF /L0010	3344100010	FD-12MRA-OE-8BF /L0010	3344200010
2m	FD-12MSA-OE-8BF /L0020	3344100020	FD-12MRA-OE-8BF /L0020	3344200020
5m	FD-12MSA-OE-8BF /L0050	3344100050	FD-12MRA-OE-8BF /L0050	3344200050
10m	FD-12MSA-OE-8BF /L0100	3344100100	FD-12MRA-OE-8BF /L0100	3344200100
15m	FD-12MSA-OE-8BF /L0150	3344100150	FD-12MRA-OE-8BF /L0150	3344200150
20m	FD-12MSA-OE-8BF /L0200	3344100200	FD-12MRA-OE-8BF /L0200	3344200200
25m	FD-12MSA-OE-8BF /L0250	3344100250	FD-12MRA-OE-8BF /L0250	3344200250
30m	FD-12MSA-OE-8BF /L0300	3344100300	FD-12MRA-OE-8BF /L0300	3344200300
40m	FD-12MSA-OE-8BF /L0400	3344100400	FD-12MRA-OE-8BF /L0400	3344200400
50m	FD-12MSA-OE-8BF /L0500	3344100500	FD-12MRA-OE-8BF /L0500	3344200500
Customizable	FD-12MSA-OE-8BF /L0000	3344100000	FD-12MRA-OE-8BF /L0000	3344200000

Signal Indication, Line Allocation

M12	Core wire color	Signal	M12	Core wire color	Signal
1	blue	DATA-	1	blue	DATA-
2	orange	DATA+	2	orange	DATA+
3	Shielding		3	Shielding	
4	n.c.		4	n.c.	

DATA CONNECTORS AND CABLES

Fieldbus Components - Prefabricated Cables



Technical parameters

Rated voltage	[V]	M12	300
Rated current	[A]	5.2	5.2
Contact resistance		≤ 5mΩ	≤ 5mΩ
Applicable cross-section of the conductor	AWG	18	18
Pin insertion material		CuZn	CuZn
Material of the pin insertion surface		AU	AU
Core material		PA66	PA66
Plug material		TPU	TPU
Screw ring material		Stainless steel	Stainless steel
Protection grade		IP65/IP67/IP68/IP69K	IP65/IP67/IP68/IP69K
Temperature parameter			
Cable, fixed installation	[°C]	-30 ... 105	-30 ... 105
Needle type/hole type	[°C]	-25 ... 90	-25 ... 90

Order data

	Model	Order Number	Model	Order Number
0.3m	FD-12FSA-OE-8BF /L0003	3344300003	FD-12FRA-OE-8BF /L0003	3344400003
0.5m	FD-12FSA-OE-8BF /L0005	3344300005	FD-12FRA-OE-8BF /L0005	3344400005
1m	FD-12FSA-OE-8BF /L0010	3344300010	FD-12FRA-OE-8BF /L0010	3344400010
2m	FD-12FSA-OE-8BF /L0020	3344300020	FD-12FRA-OE-8BF /L0020	3344400020
5m	FD-12FSA-OE-8BF /L0050	3344300050	FD-12FRA-OE-8BF /L0050	3344400050
10m	FD-12FSA-OE-8BF /L0100	3344300100	FD-12FRA-OE-8BF /L0100	3344400100
15m	FD-12FSA-OE-8BF /L0150	3344300150	FD-12FRA-OE-8BF /L0150	3344400150
20m	FD-12FSA-OE-8BF /L0200	3344300200	FD-12FRA-OE-8BF /L0200	3344400200
25m	FD-12FSA-OE-8BF /L0250	3344300250	FD-12FRA-OE-8BF /L0250	3344400250
30m	FD-12FSA-OE-8BF /L0300	3344300300	FD-12FRA-OE-8BF /L0300	3344400300
40m	FD-12FSA-OE-8BF /L0400	3344300400	FD-12FRA-OE-8BF /L0400	3344400400
50m	FD-12FSA-OE-8BF /L0500	3344300500	FD-12FRA-OE-8BF /L0500	3344400500
Customizable	FD-12FSA-OE-8BF /L0000	3344300000	FD-12FRA-OE-8BF /L0000	3344400000

Signal Indication, Line Allocation

M12	Core wire color	Signal	M12	Core wire color	Signal
1	blue	DATA-	1	blue	DATA-
2	orange	DATA+	2	orange	DATA+
3	Shielding		3	Shielding	
4	n.c.		4	n.c.	

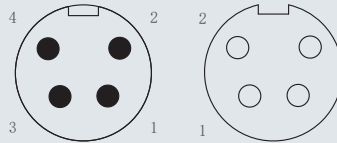
DATA CONNECTORS AND CABLES

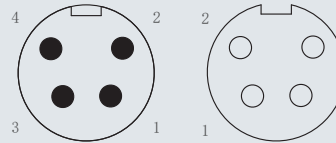
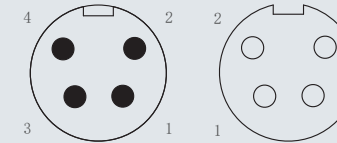
Fieldbus Components - Prefabricated Cables

Prefabricated cable, FOUNDATION Fieldbus, 7/8"

DATA CONNECTORS AND CABLES

Fieldbus Components - Prefabricated Cables

 								
								
Technical parameters				Technical parameters				
Rated voltage	[V]	7/8"	300	Rated voltage	[V]	7/8"	300	
Rated current	[A]	5.2		Rated current	[A]	5.2		
Contact resistance		≤ 5mΩ		Contact resistance		≤ 5mΩ		
Applicable cross-section of the conductor	AWG	18		Applicable cross-section of the conductor	AWG	18		
Pin insertion material		CuZn		Pin insertion material		CuZn		
Material of the pin insertion surface		AU		Material of the pin insertion surface		AU		
Core material		PA66		Core material		PA66		
Plug material		TPU		Plug material		TPU		
Screw ring material		Stainless steel		Screw ring material		Stainless steel		
Protection grade		IP67		Protection grade		IP67		
Temperature parameter				Temperature parameter				
Cable, fixed installation	[°C]	-30 ... 105		Cable, fixed installation	[°C]	-30 ... 105		
Needle type/hole type	[°C]	-40 ... 105		Needle type/hole type	[°C]	-40 ... 105		
Order data				Order data				
	Model	Order Number			Model	Order Number		
0.3m	FD-7/8MSA-FSA-8BF /L0003	3326130003	FD-7/8MRA-FSA-8BF /L0003	3326230003	0.3m	FD-7/8MSA-FRA-8BF /L0003	3326140003	
0.5m	FD-7/8MSA-FSA-8BF /L0005	3326130005	FD-7/8MRA-FSA-8BF /L0005	3326230005	0.5m	FD-7/8MSA-FRA-8BF /L0005	3326140005	
1m	FD-7/8MSA-FSA-8BF /L0010	3326130010	FD-7/8MRA-FSA-8BF /L0010	3326230010	1m	FD-7/8MSA-FRA-8BF /L0010	3326140010	
2m	FD-7/8MSA-FSA-8BF /L0020	3326130020	FD-7/8MRA-FSA-8BF /L0020	3326230020	2m	FD-7/8MSA-FRA-8BF /L0020	3326140020	
5m	FD-7/8MSA-FSA-8BF /L0050	3326130050	FD-7/8MRA-FSA-8BF /L0050	3326230050	5m	FD-7/8MSA-FRA-8BF /L0050	3326140050	
10m	FD-7/8MSA-FSA-8BF /L0100	3326130100	FD-7/8MRA-FSA-8BF /L0100	3326230100	10m	FD-7/8MSA-FRA-8BF /L0100	3326140100	
15m	FD-7/8MSA-FSA-8BF /L0150	3326130150	FD-7/8MRA-FSA-8BF /L0150	3326230150	15m	FD-7/8MSA-FRA-8BF /L0150	3326140150	
20m	FD-7/8MSA-FSA-8BF /L0200	3326130200	FD-7/8MRA-FSA-8BF /L0200	3326230200	20m	FD-7/8MSA-FRA-8BF /L0200	3326140200	
25m	FD-7/8MSA-FSA-8BF /L0250	3326130250	FD-7/8MRA-FSA-8BF /L0250	3326230250	25m	FD-7/8MSA-FRA-8BF /L0250	3326140250	
30m	FD-7/8MSA-FSA-8BF /L0300	3326130300	FD-7/8MRA-FSA-8BF /L0300	3326230300	30m	FD-7/8MSA-FRA-8BF /L0300	3326140300	
40m	FD-7/8MSA-FSA-8BF /L0400	3326130400	FD-7/8MRA-FSA-8BF /L0400	3326230400	40m	FD-7/8MSA-FRA-8BF /L0400	3326140400	
50m	FD-7/8MSA-FSA-8BF /L0500	3326130500	FD-7/8MRA-FSA-8BF /L0500	3326230500	50m	FD-7/8MSA-FRA-8BF /L0500	3326140500	
Customizable	FD-7/8MSA-FSA-8BF /L0000	3326130000	FD-7/8MRA-FSA-8BF /L0000	3326230000	Customizable	FD-7/8MSA-FRA-8BF /L0000	3326140000	
Signal Indication, Line Allocation				Signal Indication, Line Allocation				
	7/8"	Core wire color	Signal	7/8"	7/8"	Core wire color	Signal	7/8"
	1	blue	DATA-	1	1	blue	DATA-	1
	2	orange	DATA+	2	2	orange	DATA+	2
	3	Shielding		3	3	Shielding		3
	4	n.c.		4	4	n.c.		4

 				 				
								
Technical parameters				Technical parameters				
Rated voltage	[V]	7/8"	300	Rated voltage	[V]	7/8"	300	
Rated current	[A]	5.2		Rated current	[A]	5.2		
Contact resistance		≤ 5mΩ		Contact resistance		≤ 5mΩ		
Applicable cross-section of the conductor	AWG	18		Applicable cross-section of the conductor	AWG	18		
Pin insertion material		CuZn		Pin insertion material		CuZn		
Material of the pin insertion surface		AU		Material of the pin insertion surface		AU		
Core material		PA66		Core material		PA66		
Plug material		TPU		Plug material		TPU		
Screw ring material		Stainless steel		Screw ring material		Stainless steel		
Protection grade		IP67		Protection grade		IP67		
Temperature parameter				Temperature parameter				
Cable, fixed installation	[°C]	-30 ... 105		Cable, fixed installation	[°C]	-30 ... 105		
Needle type/hole type	[°C]	-40 ... 105		Needle type/hole type	[°C]	-40 ... 105		
Order data				Order data				
	Model	Order Number			Model	Order Number		
0.3m	FD-7/8MSA-FRA-8BF /L0003	3326140003	FD-7/8MRA-FRA-8BF /L0003	3326240003	0.3m	FD-7/8MSA-FRA-8BF /L0003	3326140003	
0.5m	FD-7/8MSA-FRA-8BF /L0005	3326140005	FD-7/8MRA-FRA-8BF /L0005	3326240005	0.5m	FD-7/8MSA-FRA-8BF /L0005	3326140005	
1m	FD-7/8MSA-FRA-8BF /L0010	3326140010	FD-7/8MRA-FRA-8BF /L0010	3326240010	1m	FD-7/8MSA-FRA-8BF /L0010	3326140010	
2m	FD-7/8MSA-FRA-8BF /L0020	3326140020	FD-7/8MRA-FRA-8BF /L0020	3326240020	2m	FD-7/8MSA-FRA-8BF /L0020	3326140020	
5m	FD-7/8MSA-FRA-8BF /L0050	3326140050	FD-7/8MRA-FRA-8BF /L0050	3326240050	5m	FD-7/8MSA-FRA-8BF /L0050	3326140050	
10m	FD-7/8MSA-FRA-8BF /L0100	3326140100	FD-7/8MRA-FRA-8BF /L0100	3326240100	10m	FD-7/8MSA-FRA-8BF /L0100	3326140100	
15m	FD-7/8MSA-FRA-8BF /L0150	3326140150	FD-7/8MRA-FRA-8BF /L0150	3326240150	15m	FD-7/8MSA-FRA-8BF /L0150	3326140150	
20m	FD-7/8MSA-FRA-8BF /L0200	3326140200	FD-7/8MRA-FRA-8BF /L0200	3326240200	20m	FD-7/8MSA-FRA-8BF /L0200	3326140200	
25m	FD-7/8MSA-FRA-8BF /L0250	3326140250	FD-7/8MRA-FRA-8BF /L0250	3326240250	25m	FD-7/8MSA-FRA-8BF /L0250	3326140250	
30m	FD-7/8MSA-FRA-8BF /L0300	3326140300	FD-7/8MRA-FRA-8BF /L0300	3326240300	30m	FD-7/8MSA-FRA-8BF /L0300	3326140300	
40m	FD-7/8MSA-FRA-8BF /L0400	3326140400	FD-7/8MRA-FRA-8BF /L0400	3326240400	40m	FD-7/8MSA-FRA-8BF /L0400	3326140400	
50m	FD-7/8MSA-FRA-8BF /L0500	3326140500	FD-7/8MRA-FRA-8BF /L0500	3326240500	50m	FD-7/8MSA-FRA-8BF /L0500	3326140500	
Customizable	FD-7/8MSA-FRA-8BF /L0000	3326140000	FD-7/8MRA-FRA-8BF /L0000	3326240000	Customizable	FD-7/8MSA-FRA-8BF /L0000	3326140000	
Signal Indication, Line Allocation				Signal Indication, Line Allocation				
	7/8"	Core wire color	Signal	7/8"	7/8"	Core wire color	Signal	7/8"
	1	blue	DATA-	1	1	blue	DATA-	1
	2	orange	DATA+	2	2	orange	DATA+	2
	3	Shielding		3	3	Shielding		3
	4	n.c.		4	4	n.c.		4

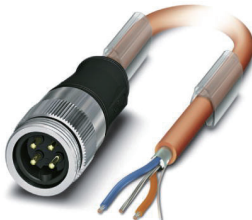
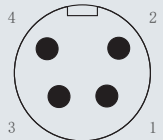
DATA CONNECTORS AND CABLES

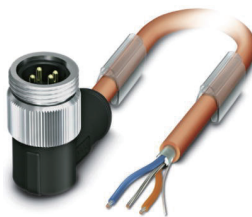
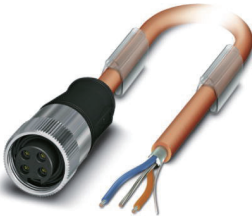
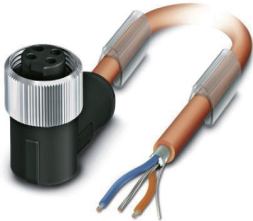
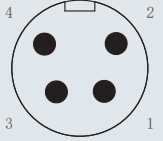
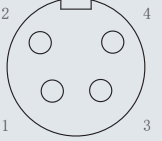
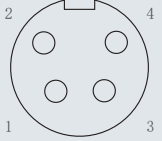
Fieldbus Components - Prefabricated Cables

Prefabricated cable, FOUNDATION Fieldbus, 7/8"

DATA CONNECTORS AND CABLES

Fieldbus Components - Prefabricated Cables

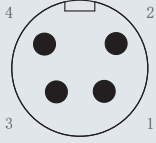
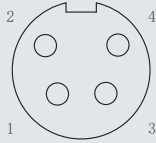
						
Technical parameters						
Rated voltage	[V]	7/8"	7/8"			
Rated current	[A]	300	300			
Contact resistance		5.2	5.2			
Applicable cross-section of the conductor		≤ 5mΩ	≤ 5mΩ			
Pin insertion material	AWG	18	18			
Material of the pin insertion surface		CuZn	CuZn			
Core material		AU	AU			
Plug material		PA66	PA66			
Screw ring material		TPU	TPU			
Protection grade		Stainless steel	Stainless steel			
Temperature parameter		IP67	IP67			
Cable, fixed installation	[°C]	-30 ... 105	-30 ... 105			
Needle type/hole type	[°C]	-40 ... 105	-40 ... 105			
Order data						
	Model	Order Number	Model	Order Number		
0.3m	FD-OE-OE-8BF /L0003	3326000003	FD-7/8MSA-OE-8BF /L0003	3326100003		
0.5m	FD-OE-OE-8BF /L0005	3326000005	FD-7/8MSA-OE-8BF /L0005	3326100005		
1m	FD-OE-OE-8BF /L0010	3326000010	FD-7/8MSA-OE-8BF /L0010	3326100010		
2m	FD-OE-OE-8BF /L0020	3326000020	FD-7/8MSA-OE-8BF /L0020	3326100020		
5m	FD-OE-OE-8BF /L0050	3326000050	FD-7/8MSA-OE-8BF /L0050	3326100050		
10m	FD-OE-OE-8BF /L0100	3326000100	FD-7/8MSA-OE-8BF /L0100	3326100100		
15m	FD-OE-OE-8BF /L0150	3326000150	FD-7/8MSA-OE-8BF /L0150	3326100150		
20m	FD-OE-OE-8BF /L0200	3326000200	FD-7/8MSA-OE-8BF /L0200	3326100200		
25m	FD-OE-OE-8BF /L0250	3326000250	FD-7/8MSA-OE-8BF /L0250	3326100250		
30m	FD-OE-OE-8BF /L0300	3326000300	FD-7/8MSA-OE-8BF /L0300	3326100300		
40m	FD-OE-OE-8BF /L0400	3326000400	FD-7/8MSA-OE-8BF /L0400	3326100400		
50m	FD-OE-OE-8BF /L0500	3326000500	FD-7/8MSA-OE-8BF /L0500	3326100500		
Customizable	FD-OE-OE-8BF /L0000	3326000000	FD-7/8MSA-OE-8BF /L0000	3326100000		
Signal Indication, Line Allocation						
	7/8"	Core wire color	Signal	7/8"	Core wire color	Signal
	1	blue	DATA-	1	blue	DATA-
	2	orange	DATA+	2	orange	DATA+
	3	Shielding		3	Shielding	
	4	n.c.		4	n.c.	

  			  		
7/8" 300 5.2 ≤ 5mΩ 18 CuZn AU PA66 TPU Stainless steel IP67			7/8" 300 5.2 ≤ 5mΩ 18 CuZn AU PA66 TPU Stainless steel IP67		
-30 ... 105 -40 ... 105			-30 ... 105 -40 ... 105		
Model			Model		
Order Number			Order Number		
FD-7/8MRA-OE-8BF /L0003			FD-7/8FSA-OE-8BF /L0003		
FD-7/8MRA-OE-8BF /L0005			FD-7/8FSA-OE-8BF /L0005		
FD-7/8MRA-OE-8BF /L0010			FD-7/8FSA-OE-8BF /L0010		
FD-7/8MRA-OE-8BF /L0020			FD-7/8FSA-OE-8BF /L0020		
FD-7/8MRA-OE-8BF /L0050			FD-7/8FSA-OE-8BF /L0050		
FD-7/8MRA-OE-8BF /L0100			FD-7/8FSA-OE-8BF /L0100		
FD-7/8MRA-OE-8BF /L0150			FD-7/8FSA-OE-8BF /L0150		
FD-7/8MRA-OE-8BF /L0200			FD-7/8FSA-OE-8BF /L0200		
FD-7/8MRA-OE-8BF /L0250			FD-7/8FSA-OE-8BF /L0250		
FD-7/8MRA-OE-8BF /L0300			FD-7/8FSA-OE-8BF /L0300		
FD-7/8MRA-OE-8BF /L0400			FD-7/8FSA-OE-8BF /L0400		
FD-7/8MRA-OE-8BF /L0500			FD-7/8FSA-OE-8BF /L0500		
FD-7/8MRA-OE-8BF /L0000			FD-7/8FSA-OE-8BF /L0000		
7/8"			7/8"		
Core wire color			Core wire color		
Signal			Signal		
1			1		
2			2		
3			3		
4			4		

DATA CONNECTORS AND CABLES

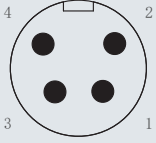
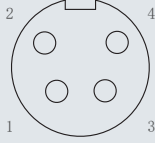
Fieldbus Components - Prefabricated Cables

Prefabricated cable, FOUNDATION Fieldbus, 7/8"

 			
			
Technical parameters			
Rated voltage	[V]	7/8"	7/8"
Rated current	[A]	-	-
Contact resistance		≤ 5mΩ	≤ 5mΩ
Applicable cross-section of the conductor	AWG	18	18
Pin insertion material		CuZn	CuZn
Material of the pin insertion surface		AU	AU
Core material		PA66	PA66
Plug material		TPU	TPU
Screw ring material		High-grade steel	High-grade steel
Protection grade		IP67	IP67
Temperature parameter			
Cable, fixed installation	[°C]	-30 ... 105	-30 ... 105
Needle type/hole type	[°C]	-40 ... 105	-40 ... 105
Order data			
		Model	Order Number
	0.3m	FD-7/8MRA-FSA-8BA /L0003	3347230003
	0.5m	FD-7/8MRA-FSA-8BA/L0005	3347230005
	1m	FD-7/8MRA-FSA-8BA/L0010	3347230010
	2m	FD-7/8MRA-FSA-8BA/L0020	3347230020
	5m	FD-7/8MRA-FSA-8BA/L0050	3347230050
	10m	FD-7/8MRA-FSA-8BA/L0100	3347230100
	15m	FD-7/8MRA-FSA-8BA/L0150	3347230150
	20m	FD-7/8MRA-FSA-8BA/L0200	3347230200
	Customizable	FD-7/8MRA-FSA-8BA/L0000	3347230000
		Model	Order Number
		FD-7/8FRA-OE-8BA /L0003	3347400003
		FD-7/8FRA-OE-8BA/L0005	3347400005
		FD-7/8FRA-OE-8BA/L0010	3347400010
		FD-7/8FRA-OE-8BA/L0020	3347400020
		FD-7/8FRA-OE-8BA/L0050	3347400050
		FD-7/8FRA-OE-8BA/L0100	3347400100
		FD-7/8FRA-OE-8BA/L0150	3347400150
		FD-7/8FRA-OE-8BA/L0200	3347400200
		FD-7/8FRA-OE-8BA/L0000	3347400000
Signal Indication, Line Allocation			
	7/8"	Core wire color	Signal
	1	blue	DATA-
	2	orange	DATA+
	3	Shielding	
	4	n.c.	
	7/8"	Core wire color	Signal
	1	blue	DATA-
	2	orange	DATA+
	3	Shielding	
	4	n.c.	

DATA CONNECTORS AND CABLES

Fieldbus Components - Prefabricated Cables

 			
			
Technical parameters			
Rated voltage	[V]	7/8"	7/8"
Rated current	[A]	-	-
Contact resistance		≤ 5mΩ	≤ 5mΩ
Applicable cross-section of the conductor	AWG	18	18
Pin insertion material		CuZn	CuZn
Material of the pin insertion surface		AU	AU
Core material		PA66	PA66
Plug material		TPU	TPU
Screw ring material		High-grade steel	High-grade steel
Protection grade		IP67	IP67
Temperature parameter			
Cable, fixed installation	[°C]	-30 ... 105	-30 ... 105
Needle type/hole type	[°C]	-40 ... 105	-40 ... 105
Order data			
		Model	Order Number
	0.3m	FD-7/8MSA-FRA-8BA /L0003	3347140003
	0.5m	FD-7/8MSA-FRA-8BA/L0005	3347140005
	1m	FD-7/8MSA-FRA-8BA/L0010	3347140010
	2m	FD-7/8MSA-FRA-8BA/L0020	3347140020
	5m	FD-7/8MSA-FRA-8BA/L0050	3347140050
	10m	FD-7/8MSA-FRA-8BA/L0100	3347140100
	15m	FD-7/8MSA-FRA-8BA/L0150	3347140150
	20m	FD-7/8MSA-FRA-8BA/L0200	3347140200
	Customizable	FD-7/8MSA-FRA-8BA/L0000	3347140000
		Model	Order Number
		FD-7/8MRA-FRA-8BA /L0003	3347240003
		FD-7/8MRA-FRA-8BA/L0005	3347240005
		FD-7/8MRA-FRA-8BA/L0010	3347240010
		FD-7/8MRA-FRA-8BA/L0020	3347240020
		FD-7/8MRA-FRA-8BA/L0050	3347240050
		FD-7/8MRA-FRA-8BA/L0100	3347240100
		FD-7/8MRA-FRA-8BA/L0150	3347240150
		FD-7/8MRA-FRA-8BA/L0200	3347240200
		FD-7/8MRA-FRA-8BA/L0000	3347240000
Signal Indication, Line Allocation			
	7/8"	Core wire color	Signal
	1	blue	DATA-
	2	orange	DATA+
	3	Shielding	
	4	n.c.	
	7/8"	Core wire color	Signal
	1	blue	DATA-
	2	orange	DATA+
	3	Shielding	
	4	n.c.	