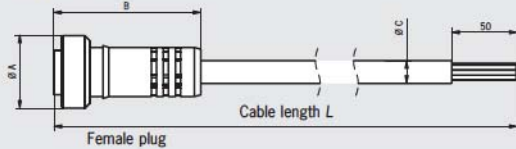


Plug connector MR8/MR9/MR10/MR12 with cable

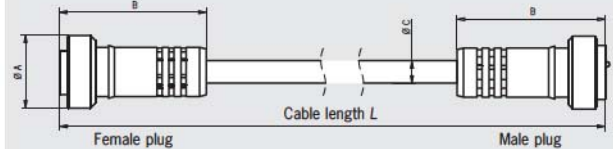
Female plug with cable 8-, 9-, 10-, 12-pin

Dimension drawings



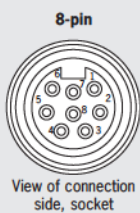
Dim.	8-pin	9-pin	10-pin	12-pin
A	∅ 29	∅ 32	∅ 32	∅ 32
B	59	64	64	64
C	∅ 8.9	∅ 9.7	∅ 9.8	∅ 10.4

Extension cable 8-, 9-, 10-, 12-pin

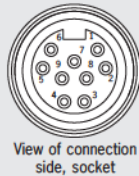


Dim.	8-pin	9-pin	10-pin	12-pin
A	∅ 29	∅ 32	∅ 32	∅ 32
B	59	64	64	64
C	∅ 8.9	∅ 9.7	∅ 9.8	∅ 10.4

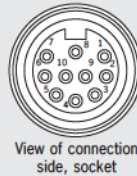
Pin assignment (Wire cross-section 0.82 mm² / 18 AWG)



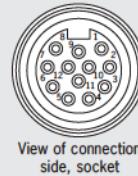
8-pin	Pin	Wire color
	1	OG
	2	BU
	3	WH/BK
	4	BK
	5	WH
	6	RD
	7	GN/YE
	8	RD/BK



9-pin	Pin	Wire color
	1	OG
	2	BU
	3	RD/BK
	4	GN/BK
	5	WH
	6	RD
	7	GN/YE
	8	WH/BK
	9	BK



10-pin	Pin	Wire color
	1	OG
	2	BU
	3	WH/BK
	4	RD/BK
	5	GN/BK
	6	OG/BK
	7	RD
	8	GN/YE
	9	BK
	10	WH



12-pin	Pin	Wire color
	1	OG
	2	BU
	3	WH/BK
	4	RD/BK
	5	GN/BK
	6	OG/BK
	7	BU/BK
	8	BK/WH
	9	GN/YE
	10	RD
	11	WH
	12	BK

Ordering table

Version	Number of pins	Material	Cable length L [mm]								
			910	1800	3600	6000	9100	12100	15200	18200	24300
Female plug with cable	8	PVC	-	100 938	100 939	100 940	100 941	100 942	103 152	103 153	-
		PUR	-	102 506	100 945	100 946	102 507	102 508	102 509	100 149	103 150
	9	PVC	100 947	102 502	100 948	102 503	102 504	103 154	103 155	103 156	-
		PUR	-	102 510	102 511	102 512	102 513	102 514	102 515	103 151	-
	10	PVC	-	100 949	100 950	100 951	100 952	102 505	100 953	103 157	-
		PUR	-	102 516	102 517	102 518	100 956	102 519	102 520	102 521	-
	12	PVC	-	100 959	100 960	100 961	100 962	103 158	103 159	103 160	-
		PUR	-	100 966	100 967	102 522	102 523	102 524	102 525	102 526	-
Extension cable	8	PVC	-	-	100 943	-	100 944	-	-	-	-
		PUR	-	-	-	-	-	-	-	-	-
	10	PVC	-	-	100 954	-	100 955	-	-	-	-
		PUR	-	-	-	100 957	-	-	100 958	-	-
	12	PVC	-	-	100 963	100 964	100 965	-	-	-	-
		PUR	-	102 527	100 968	-	-	-	-	-	-

For safety precautions see page 179
For technical data see page 151