

● Technical information PVC
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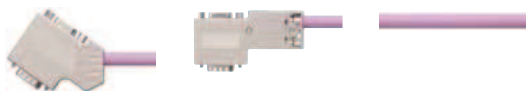
Connector 1	Connector 2	Connector 3	Connector 4	Connector 5
M12, 5 poles Socket, straight	M12, 5 poles Pin, straight	M12, 5 poles Pin, angled	M12, 5 poles Socket, angled	M12, 5 poles Socket, angled



Connector 6	Connector 7*	Connector 8*	Connector 9*	Connector 10*
M12, 5 poles Pin, angled	SUB-D, 9 poles Pin, straight	SUB-D, 9 poles Pin, end plug, 90°	SUB-D, 9 poles Pin, 45°, IP67	SUB-D, 9 poles Pin, end plug, 45°



Connector 11*	Connector 12*	Connector 13
SUB-D, 9 poles Socket/Pin, pass, angled 45°	SUB-D, 9 poles Socket/Pin, pass, angled 90°	open end of cable



Delivery program (PVC)					
Delivery program Part No.	Harnessing with connector combination		Number of cores and nominal cross section [mm²]	Outer diameter [mm]	Bend radius
BUS9041004	1	1	(2x0.25)C	8.0	12.5 x d
BUS9041001	1	2	(2x0.25)C	8.0	12.5 x d
BUS9041011	1	5	(2x0.25)C	8.0	12.5 x d
BUS9041006	1	6	(2x0.25)C	8.0	12.5 x d
BUS9041005	1	13	(2x0.25)C	8.0	12.5 x d
BUS9041002	2	2	(2x0.25)C	8.0	12.5 x d
BUS9041013	2	5	(2x0.25)C	8.0	12.5 x d
BUS9041007	2	6	(2x0.25)C	8.0	12.5 x d
BUS9041054	2	7	(2x0.25)C	8.0	12.5 x d
BUS9041059	2	8	(2x0.25)C	8.0	12.5 x d
BUS9041062	2	9	(2x0.25)C	8.0	12.5 x d
BUS9041055	2	10	(2x0.25)C	8.0	12.5 x d
BUS9041003	2	13	(2x0.25)C	8.0	12.5 x d
BUS9041066	3	4	(2x0.25)C	8.0	12.5 x d
BUS9041064	3	13	(2x0.25)C	8.0	12.5 x d
BUS9041065	4	13	(2x0.25)C	8.0	12.5 x d
BUS9041014	5	5	(2x0.25)C	8.0	12.5 x d
BUS9041010	5	6	(2x0.25)C	8.0	12.5 x d
BUS9041012	5	13	(2x0.25)C	8.0	12.5 x d
BUS9041009	6	6	(2x0.25)C	8.0	12.5 x d
BUS9041008	6	13	(2x0.25)C	8.0	12.5 x d
BUS9041053	7	IN 2/OUT 1	(2x0.25)C	8.0	12.5 x d
BUS9041056	7	13	(2x0.25)C	8.0	12.5 x d
BUS9041061	8	IN 2/OUT 1	(2x0.25)C	8.0	12.5 x d
BUS9041060	9	IN 2/OUT 1	(2x0.25)C	8.0	12.5 x d
BUS9041063	9	13	(2x0.25)C	8.0	12.5 x d
BUS9041052	10	IN 2/OUT 1	(2x0.25)C	8.0	12.5 x d
BUS9041057	10	13	(2x0.25)C	8.0	12.5 x d
BUS9041058	11	IN 13/OUT 13	(2x0.25)C	8.0	12.5 x d
BUS9041051	12	IN 2/OUT 1	(2x0.25)C	8.0	12.5 x d

Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
G= with green-yellow earth core= without earth core

* Plugs with IN- und OUT connection always will be connected on the IN side if the cable is harnessed. More configurations on request.

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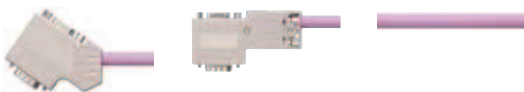
Connector 1	Connector 2	Connector 3	Connector 4	Connector 5
M12, 5 poles Socket, straight	M12, 5 poles Pin, straight	M12, 5 poles Pin, angled	M12, 5 poles Socket, angled	M12, 5 poles Socket, angled



Connector 6	Connector 7*	Connector 8*	Connector 9*	Connector 10*
M12, 5 poles Pin, angled	SUB-D, 9 poles Pin, straight	SUB-D, 9 poles Pin, end plug, 90°	SUB-D, 9 poles Pin, 45°, IP67	SUB-D, 9 poles Pin, end plug, 45°



Connector 11*	Connector 12*	Connector 13
SUB-D, 9 poles Socket/Pin, pass, angled 45°	SUB-D, 9 poles Socket/Pin, pass, angled 90°	open end of cable



Delivery program (PUR)					
Delivery program Part No.	Harnessing with connector combination		Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius
BUS9041104	1	1	(2x0.25)C	8.0	12.5 x d
BUS9041101	1	2	(2x0.25)C	8.0	12.5 x d
BUS9041111	1	5	(2x0.25)C	8.0	12.5 x d
BUS9041106	1	6	(2x0.25)C	8.0	12.5 x d
BUS9041105	1	13	(2x0.25)C	8.0	12.5 x d
BUS9041102	2	2	(2x0.25)C	8.0	12.5 x d
BUS9041113	2	5	(2x0.25)C	8.0	12.5 x d
BUS9041107	2	6	(2x0.25)C	8.0	12.5 x d
BUS9041154	2	7	(2x0.25)C	8.0	12.5 x d
BUS9041159	2	8	(2x0.25)C	8.0	12.5 x d
BUS9041162	2	9	(2x0.25)C	8.0	12.5 x d
BUS9041155	2	10	(2x0.25)C	8.0	12.5 x d
BUS9041103	2	13	(2x0.25)C	8.0	12.5 x d
BUS9041166	3	4	(2x0.25)C	8.0	12.5 x d
BUS9041164	3	13	(2x0.25)C	8.0	12.5 x d
BUS9041165	4	13	(2x0.25)C	8.0	12.5 x d
BUS9041114	5	5	(2x0.25)C	8.0	12.5 x d
BUS9041110	5	6	(2x0.25)C	8.0	12.5 x d
BUS9041112	5	13	(2x0.25)C	8.0	12.5 x d
BUS9041109	6	6	(2x0.25)C	8.0	12.5 x d
BUS9041108	6	13	(2x0.25)C	8.0	12.5 x d
BUS9041153	7	IN 2/OUT 1	(2x0.25)C	8.0	12.5 x d
BUS9041156	7	13	(2x0.25)C	8.0	12.5 x d
BUS9041161	8	IN 2/OUT 1	(2x0.25)C	8.0	12.5 x d
BUS9041160	9	IN 2/OUT 1	(2x0.25)C	8.0	12.5 x d
BUS9041163	9	13	(2x0.25)C	8.0	12.5 x d
BUS9041152	10	IN 2/OUT 1	(2x0.25)C	8.0	12.5 x d
BUS9041157	10	13	(2x0.25)C	8.0	12.5 x d
BUS9041158	11	IN 13/OUT 13	(2x0.25)C	8.0	12.5 x d
BUS9041151	12	IN 2/OUT 1	(2x0.25)C	8.0	12.5 x d

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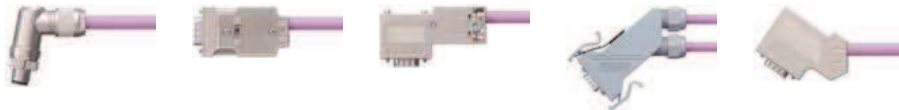


● Technical information TPE
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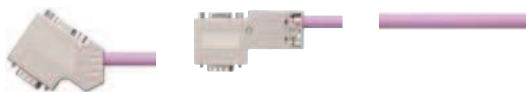
Connector 1	Connector 2	Connector 3	Connector 4	Connector 5
M12, 5 poles Socket, straight	M12, 5 poles Pin, straight	M12, 5 poles Pin, angled	M12, 5 poles Socket, angled	M12, 5 poles Socket, angled



Connector 6	Connector 7*	Connector 8*	Connector 9*	Connector 10*
M12, 5 poles Pin, angled	SUB-D, 9 poles Pin, straight	SUB-D, 9 poles Pin, end plug, 90°	SUB-D, 9 poles Pin, 45°, IP67	SUB-D, 9 poles Pin, end plug, 45°



Connector 11*	Connector 12*	Connector 13
SUB-D, 9 poles Socket/Pin, pass, angled 45°	SUB-D, 9 poles Socket/Pin, pass, angled 90°	open end of cable



Delivery program (TPE)					
Delivery program Part No.	Harnessing with connector combination		Number of cores and conductor nominal cross section [mm ²]	Outer diameter [mm]	Bend radius
BUS9041204	1	1	(2x0.25)C	8.0	12.5 x d
BUS9041201	1	2	(2x0.25)C	8.0	12.5 x d
BUS9041211	1	5	(2x0.25)C	8.0	12.5 x d
BUS9041206	1	6	(2x0.25)C	8.0	12.5 x d
BUS9041205	1	13	(2x0.25)C	8.0	12.5 x d
BUS9041202	2	2	(2x0.25)C	8.0	12.5 x d
BUS9041213	2	5	(2x0.25)C	8.0	12.5 x d
BUS9041207	2	6	(2x0.25)C	8.0	12.5 x d
BUS9041254	2	7	(2x0.25)C	8.0	12.5 x d
BUS9041259	2	8	(2x0.25)C	8.0	12.5 x d
BUS9041262	2	9	(2x0.25)C	8.0	12.5 x d
BUS9041255	2	10	(2x0.25)C	8.0	12.5 x d
BUS9041203	2	13	(2x0.25)C	8.0	12.5 x d
BUS9041266	3	4	(2x0.25)C	8.0	12.5 x d
BUS9041264	3	13	(2x0.25)C	8.0	12.5 x d
BUS9041265	4	13	(2x0.25)C	8.0	12.5 x d
BUS9041214	5	5	(2x0.25)C	8.0	12.5 x d
BUS9041210	5	6	(2x0.25)C	8.0	12.5 x d
BUS9041212	5	13	(2x0.25)C	8.0	12.5 x d
BUS9041209	6	6	(2x0.25)C	8.0	12.5 x d
BUS9041208	6	13	(2x0.25)C	8.0	12.5 x d
BUS9041253	7	IN 2/OUT 1	(2x0.25)C	8.0	12.5 x d
BUS9041256	7	13	(2x0.25)C	8.0	12.5 x d
BUS9041261	8	IN 2/OUT 1	(2x0.25)C	8.0	12.5 x d
BUS9041260	9	IN 2/OUT 1	(2x0.25)C	8.0	12.5 x d
BUS9041263	9	13	(2x0.25)C	8.0	12.5 x d
BUS9041252	10	IN 2/OUT 1	(2x0.25)C	8.0	12.5 x d
BUS9041257	10	13	(2x0.25)C	8.0	12.5 x d
BUS9041258	11	IN 13/OUT 13	(2x0.25)C	8.0	12.5 x d
BUS9041251	12	IN 2/OUT 1	(2x0.25)C	8.0	12.5 x d

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