

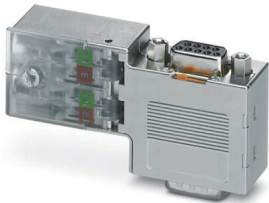
DATA CONNECTORS AND CABLES

Fieldbus Component - D-sub Connector

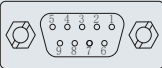
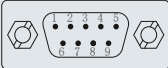
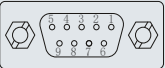
D-SUB Connector



D-SUB connector



D-SUB connector



Technical Parameters

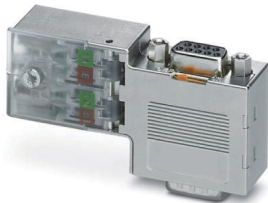
Electrical parameters	PROFIBUS DP	PROFIBUS DP
Rated voltage	5 V	5 V
Rated current	100 mA	100 mA
Test voltage	50 V	50 V
Terminal resistance	390 Ω/220 Ω/390 Ω (Can be connected from the outside)	390 Ω/220 Ω/390 Ω (Can be connected from the outside)
Insertion/extraction cycle	> 200	> 200
Shell material	ABS, Metal coating	ABS, Metal coating
Pin distribution	3, 5, 6, 8	3, 5, 6, 8
Connection method	IDC Quick connection	Screw connection
Minimum cross-sectional area of the conductor AWG	22	26
Maximum cross-sectional area of the conductor AWG	18	16
Connect	Programming connection	PCB connection
Digit number	9	9
Connection method	D-SUB socket	D-SUB socket
Temperature parameter		
Ambient temperature (operating)	-20 ... 75 [°C]	-20 ... 75

Order Data

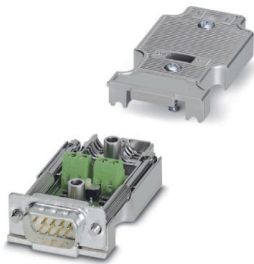
	Model	Order Number	Model	Order Number
D-SUB connector				
Bus system: PROFIBUS DP with Pg D-SUB via connector				
The maximum transmission speed is 12 Mbps, and the terminal resistor can be transmitted through a sliding switch	DS-PLUS-DP90/PG/IDC	2342092110		
Switch connections, pin allocation: 3,5,6,8; IDC terminal wiring			DS-PLUS-DP90/SC	2342091110
D-SUB connector: 9-pin connector, incoming line < 90°				
Bus system: PROFIBUS DP with PG D-SUB via connector				
The terminal resistor can be switched and connected through a sliding switch, with a screw terminal				
D-SUB connector: 9-pin connector, incoming line < 90°				
Bus system: PROFIBUS DP, with a maximum transmission speed of 12 Mbps				
The terminal resistor can be switched and connected through a sliding switch, with a screw terminal				
D-SUB connector: 9-pin connector, two axial incoming wires				
Bus system: PROFIBUS DP, with a maximum transmission speed of 12 Mbps				
The terminal resistor can be switched and connected through a sliding switch, with a screw terminal				

DATA CONNECTORS AND CABLES

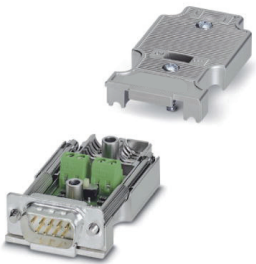
Network Component - D-sub Connector



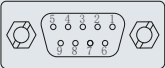
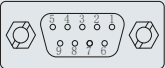
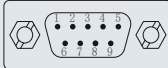
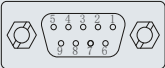
D-SUB connector



D-SUB connector



D-SUB connector

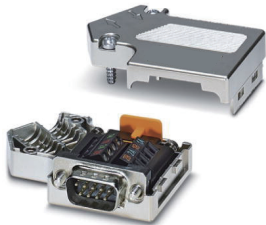


PROFIBUS DP	PROFIBUS DP	PROFIBUS DP	PROFIBUS DP	PROFIBUS DP
5 V	5 V	5 V	5 V	5 V
100 mA	100 mA	100 mA	100 mA	100 mA
50 V	50 V	50 V	50 V	50 V
390 Ω/220 Ω/390 Ω (Can be connected from the outside)	390 Ω/220 Ω/390 Ω (Can be connected from the outside)	390 Ω/220 Ω/390 Ω (Can be connected from the outside)	390 Ω/220 Ω/390 Ω (Can be connected from the outside)	390 Ω/220 Ω/390 Ω (Can be connected from the outside)
> 200	> 200	> 200	> 200	> 200
ABS, Metal coating	ABS, Metal coating	ABS, Metal coating	ABS, Metal coating	ABS, Metal coating
3, 5, 6, 8	3, 5, 6, 8	3, 5, 6, 8	3, 5, 6, 8	3, 5, 6, 8
Screw connection	Screw connection	Screw connection	Pull-back spring connection	Pull-back spring connection
26	26	26	26	26
16	16	16	20	20
PCB Connect	PCB connection	PCB connection	PCB connection	PCB connection
9	9	9	9	9
D-SUB Socket	D-SUB socket	D-SUB socket	D-SUB socket	D-SUB socket
-20 ... 75	-20 ... 75	-20 ... 75	-20 ... 75	-20 ... 75
DS-PLUS-DP90/PG/SC	2342091111			
		DS-PLUS-AX/SC	2342091112	DS-PLUS-AX
				2342091113

DATA CONNECTORS AND CABLES

Fieldbus Component - D-sub Connector

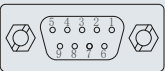
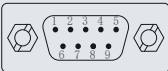
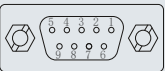
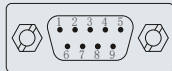
D-SUB Connector



D-SUB connector



D-SUB connector



Technical Parameters

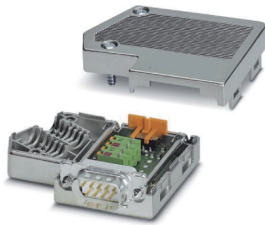
Electrical parameters	PROFIBUS DP	PROFIBUS DP
Rated voltage	5 V	5 V
Rated current	100 mA	100 mA
Test voltage	50 V	50 V
Terminal resistance	390 Ω/220 Ω/390 Ω (Can be connected from the outside)	390 Ω/220 Ω/390 Ω (Can be connected from the outside)
Insertion/extraction cycle	> 200	> 200
Shell material	ABS, Metal coating	ABS, Metal coating
Pin distribution	3, 5, 6, 8	3, 5, 6, 8
Connection method	Screw connection	Screw connection
Minimum cross-sectional area of the conductor AWG	26	26
Maximum cross-sectional area of the conductor AWG	16	16
Connect	PCB Connect	Programming connection
Digit number	9	9
Connection method	D-SUB Socket	D-SUB socket
Temperature parameter		
Ambient temperature (operating)	[°C] -20 ... 75	-20 ... 75

Order Data

	Model	Order Number	Model	Order Number
D-SUB connector: 9-pin, pin connector, incoming line < 35° Bus system: PROFIBUS DP, with a maximum transmission speed of 12 Mbps The terminal resistor can be switched and connected through a sliding switch. Pin allocation: 3,5,6,8; Screw terminal block	DS-PLUS-DP35/SC2	2342351114		
Bus system: PROFIBUS DP with Pg D-SUB via connector The maximum transmission speed is 12 Mbps, and the terminal resistor can be transmitted through a sliding switch Switch connections, pin allocation: 3,5,6,8; Screw terminal block Bus system: The axial model has two cable inlets with an Angle less than 35°			DS-PLUS-DP35/PG/SC2	2342352115
Bus system: PROFIBUS DP (up to 12 Mbps) The terminal resistance can be connected by a sliding switch, and the pull-back spring is connected to the terminal				
Bus system: PROFIBUS DP with Pg D-SUB via connector The maximum transmission speed is 12 Mbps, and the terminal resistor can be transmitted through a sliding switch Switch connections, pin allocation: 3,5,6,8; Spring terminal block				

DATA CONNECTORS AND CABLES

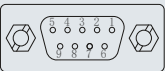
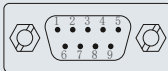
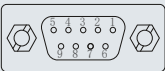
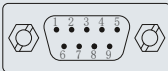
Network Component - D-SUB Connector



D-SUB connector



D-SUB connector



PROFIBUS DP		PROFIBUS DP	
5 V		5 V	
100 mA		100 mA	
50 V		50 V	
390 Ω/220 Ω/390 Ω (Can be connected from the outside)		390 Ω/220 Ω/390 Ω (Can be connected from the outside)	
> 200		> 200	
ABS, Metal coating		ABS, Metal coating	
3, 5, 6, 8		3, 5, 6, 8	
Pull-back spring connection		Pull-back spring connection	
26		26	
20		20	
PCB connection		Programming connection	
9		9	
D-SUB socket		D-SUB socket	
-20 ... 75		-20 ... 75	
Model	Order Number	Model	Order Number
DS-PLUS-DP35	2342351116		
		DS-PLUS-DP35/PG	2342351117

				Signal Transmission								
				Screw connection			Welding					
												
							Direct welding cup					
				DS-...-SC-DSUB/...-MR-0,5 DS-...-SC-DSUB/...-FR-0,5			DS-...-ST-DSUB-EG DS-...-BU-DSUB-EG			DS-...-ST-DSUB-HD-EG DS-...-BU-DSUB-HD-EG		
Shell size 1... 3				D-SUB plug-in Fixed: 2.5mm hole			D-SUB plug-in Fixed: A 3mm hole			D-SUB plug-in High position Fixed: A 3mm hole		
Model		Order Number		Number Of cores	Needle Type	Hole Type	Number Of cores	Needle Type	Hole Type	Number Of cores	Needle Type	Hole Type
	IP67 Panel installation frame											
	DS-09-A	1670901		9	1670819	1670922	9	1670955	1670958	15	1670905	1670908
	DS-15-A	1671502		15	1671520	1671523	15	1671556	1670959	26	1671506	1670909
	DS-25-A	1672503		25	1672521	1672524	25	1672557	1670960	44	1672507	1670910
	DS-25-A	1672503										
	IP20 Plug housing											
	DS-09-IP20-1-A	1200904					9	1200961	1200967	15	1200911	1200917
	DS-15-IP20-1-A	1201505					15	1201562	1201568	26	1201512	1201518
	DS-25-IP20-1-A	1202506					25	1202563	1202569	44	1202513	1202519
	DS-09-IP20-1-S						9	1200964	1200970	15	1200914	1200920
	DS-15-IP20-1-S	1201508					15	1201565	1201571	26	1201515	1201521
	DS-25-IP20-1-S	1202509					25	1202566	1202572	44	1202516	1202522
	IP67 Plug housing											
	DS-09-T-2M16	1670910		9	1670925	1670928	9	1670973	1670976	15	1670923	1670926
	DS-15-T-2Pg11	1671511		15	1671526	1671529	15	1671574	1671577	26	1671524	1671527
	DS-25-T-2M20	1672512		25	1672527	1672530	25	1672575	1672578	44	1672525	1672528
	DS-25-T-2M20	1672512										
	DS-09-SET-STD	1670913	Panel installation frame	9	1670931	1670937	9	1670979	1670985	15	1671529	1671535
			Plug housing	9	1670932	1670938	9	1670980	1670986	15	1671530	1671536
	DS-15-SET-STD	1671514	Panel installation frame	15	1671533	1671539	15	1671581	1670987	26	1672631	1672637
			Plug housing	15	1671534	1671540	15	1671582	1670988	26	1672632	1672638
	DS-25-SET-STD	1672515	Panel installation frame	25	1672535	1672541	25	1672583	1670989	44	1674433	1674439
			Plug housing	25	1672536	1672542	25	1672584	1670990	44	1674434	1674440
	DS-25-SET-STD	1672515	Panel installation frame									
			Plug housing									
	DS-09-SET-EMV	1670916	Panel installation frame	9	1670943	1670949	9	1670991	1670997	15	1671541	1671547
			Plug housing	9	1670944	1670950	9	1670992	1670998	15	1671542	1671548
	DS-15-SET-EMV	1671517	Panel installation frame	15	1671545	1671551	15	1671593	1670901	26	1672643	1672649
			Plug housing	15	1671546	1671552	15	1671594	1670902	26	1672644	1672650
	DS-25-SET-EMV	1672518	Panel installation frame	25	1672547	1672553	25	1672595	1670903	44	1674445	1674451
			Plug housing	25	1672548	1672554	25	1672596	1670904	44	1674446	1674452
	DS-25-SET-EMV	1672518	Panel installation frame									
			Plug housing									

Attention:
The Emc Inner Shell Of The Ip67 Plug
Housing Cannot Be Used On The Installation Side.

Signal Transmission									Power And Signal Transmission									Power	
Welding						Crimping			Welding									Screw Connection	
																			
Bent welding needle						A socket equipped with crimping pins												3/5 core	
DS-...-ST-DSUB-LH-B DS-...-BU-DSUB-LH-B			DS-...-ST-DSUB-CD-... DS-...-BU-DSUB-CD-...			DS-...-ST-DSUB-HD-CD-B DS-...-BU-DSUB-HD-CD-B			DS-...-ST-DSUB-...P DS-...-BU-DSUB-...P			DS-...-ST-DSUB-...P-...S DS-...-BU-DSUB-...P-...S			SC 1,5/...-F				
D-SUB plug-in Fixed: 2.5mm holes and metal welded plates			D-SUB plug-in Fixed: A 3mm hole			D-SUB plug-in High position Fixed: A 3mm hole			D-SUB plug-in Fixed: A 3mm hole			D-SUB plug-in Fixed: A 3mm hole			D-SUB plug-in Fixed: A 3mm hole				
Number Of cores	Needle Type	Hole Type	Number Of cores	Needle Type	Hole Type	Number Of cores	Needle Type	Hole Type	Number Of cores	Needle Type	Hole Type	Number Of cores	Needle Type	Hole Type	Number Of cores	Hole Type			
9	2670953	2670956	9	3670955	3670958	15	3670905	3670908	2PK	3688453	3688456	1PK-4S	3689083	3689087					
15	2671554	2670957	15	3671556	3670959	26	3671506	3670909	3PK	3688254	3688257	2PK-5S	3688284	3688288					
25	2672554	2670958	25	3672557	3670960	44	3672507	3670910	5PK	3689955	3689958	3PK-10S	3689985	3690089					
												4PK-5S			3655386	3655390			
9	2200961	2200967	9	3200961	3200967	15	3200911	3200917							3	3841909			
15	2201562	2201568	15	3201562	3201568	26	3201512	3201518							5	3841912			
25	2202563	2202569	25	3202563	3202569	44	3202513	3202519											
9	2200964	2200970	9	3200964	3200970	15	3200914	3200920							3	3841909			
15	2201565	2201571	15	3201565	3201571	26	3201515	3201521							5	3841912			
25	2202566	2202572	25	3202566	3202572	44	3202516	3202522											
9	2670973	2670976	9	3670973	3670976	15	3670923	3670926	2PK	3688459	3688462	1PK-4S	3689006	3689019	3	3841909			
15	2671574	2671577	15	3671574	3671577	26	3671524	3671527	3PK	3688260	3688263	2PK-5S	3688227	3688230	5	3841912			
25	2672575	2672578	25	3672575	3672578	44	3672525	3672528	5PK	3689961	3689964	3PK-10S	3689996	3690008					
												4PK-5S			3655386	3655373			
9	2670979	2670985	9	3670979	3670985	15	3671529	3671535	2PK	3688465	3688471	1PK - 4S	3689006	3689019					
9	2670980	2670986	9	3670980	3670986	15	3671530	3671536	2PK	3688466	3688472	1PK - 4S	3689006	3689019	3	3841909			
15	2671581	2670987	15	3671581	3670987	26	3672631	3672637	3PK	3688267	3688273	2PK - 5S	3688227	3688230					
15	2671582	2670988	15	3671582	3670988	26	3672632	3672638	3PK	3688268	3688274	2PK - 5S	3688227	3688230	5	3841912			
25	2672583	2670989	25	3672583	3670989	44	3674433	3674439	5PK	3689969	3689975	3PK-10S	3689996	3690008					
25	1672584	2670990	25	3672584	3670990	44	3674434	3674440	5PK	3689970	3689976	3PK-10S	3689996	3690008					
												4PK - 5S			3655386	3655373			
												4PK - 5S			3655386	3655373			
9	2670991	2670997	9	3670991	3670997	15	3671541	3671547	2PK	3688477	3688480	1PK - 4S	3689006	3689019					
9	2670992	2670998	9	3670992	3670998	15	3671542	3671548							3	3841909			
15	2671593	3670901	15	3671593	3670901	26	3672643	3672649	3PK	3688278	3688281	2PK - 5S	3688227	3688230					
15	2671594	3670902	15	3671594	3670902	26	3672644	3672650							5	3841912			
25	2672595	3670903	25	3672595	3670903	44	3674445	3674451	5PK	3689979	3689982	3PK-10S	3689996	3690008					
25	2672596	3670904	25	3672596	3670904	44	3674446	3674452											
												4PK - 5S			3655386	3655373			