



Bridge Box

Cable
&
Connector

Adhesive

Other

Bridge Boxes & Bridge Adapters

Model	Channels	Connection		Main Supplied Accessories	
		Sensor Side	Measuring Instrument Side		
Quarter-bridge 2-wire Adapter (120 Ω) ADP-02-120		1	Soldering	Fixed with Screws	—
Quarter-bridge 2-wire Adapter (120 Ω) ADP-12S-120		1	Soldering	Fixed with Screws	—
Bridge Box DB-A	 DB-120A DB-350A	1	Soldering, screwing	Cable length: 5 m, terminated with a connector plug P12-7	—
Bridge Box DB-C	 DB-120C-2 DB-120C-3	1	Clamp-type one- touch terminals	Connector plug P12-7	—
Bridge Box DB-120L		1	Soldering	Cable length: 5 m, terminated with a connector plug P12-7	—
Bridge Box DBT-A-1	 DBT-120A-1 DBT-350A-1	1	Clamp type terminal block (6 pins)	Cable length: 1.5 m, terminated with a connector plug P12-7	—
Quarter-bridge 2-wire Adapter (120 Ω) ADP-402-120		2	Soldering	Fixed with screws	—
Quarter-bridge 3-wire Adapter (120 Ω) ADP-403-120		2	Soldering	Fixed with screws	—
One-touch Type Bridge Box DBV-A-4	 DBV-120A-4 DBV-120A-4T DBV-120A-4E DBV-120A-4ET DBV-350A-4 DBV-350A-4T DBV-350A-4E DBV-350A-4ET	4	One-touch type terminals Direct connection	Connector plug P12-7 Connector plug P12-7 Connector for EDX-11A/14A/15A Connector for EDX-11A/14A/15A Connector plug P12-7 Connector plug P12-7 Connector for EDX-11A/14A/15A Connector for EDX-11A/14A/15A	N-122 (1.5 m) N-122(1.5 m), DBV4-MOUNT N-46 (1.5 m) N-46 (1.5 m), DBV4-MOUNT N-122 (1.5 m) N-122 (1.5 m), DBV4-MOUNT N-46 (1.5 m) N-46 (1.5 m), DBV4-MOUNT
Bridge Adapter for Quarter Bridge System UI-53B	 UI-53B-120 UI-53B-350	4	One-touch type terminals	Integrated connector	—
Bridge Adapter for Quarter Bridge System UI-54B	 UI-54B-120 UI-54B-350	4	One-touch type terminals	Integrated connector	—
Bridge Box for Quarter Bridge System DBS-B-8	 DBS-120B-8 DBS-120B-8T DBS-120B-8C DBS-120B-8CT DBS-350B-8 DBS-350B-8T DBS-350B-8C DBS-350B-8CT	8	One-touch type terminals	Connector plug P12-7 Connector plug P12-7 Integrated connector for CDV-40B Integrated connector for CDV-40B Connector plug P12-7 Connector plug P12-7 Integrated connector for CDV-40B Integrated connector for CDV-40B	N-104 (1.5 m) N-104 (1.5 m), DBS-MOUNT N-105 (1.5 m) N-105 (1.5 m), DBS-MOUNT N-104 (1.5 m) N-104 (1.5 m), DBS-MOUNT N-105 (1.5 m) N-105 (1.5 m), DBS-MOUNT
*When using optional cable: Integrated cable for CVM					N-121 (1.5 m)
Bridge Box DBT-A-8	 DBT-120A-8 DBT-350A-8	8	Clamp type terminal block (6 pins)	Cable length: 1.5 m, terminated with a connector plug P12-7	—
One-touch Type Bridge Box DBV-A-8	 DBV-120A-8 DBV-120A-8C DBV-350A-8 DBV-350A-8C	8	One-touch type terminals	Connector plug P12-7 Integrated connector for CDV-40B Connector plug P12-7 Integrated connector for CDV-40B	N-104 (1.5 m) N-105 (1.5 m) N-104 (1.5 m) N-105 (1.5 m)
*When using optional cable: Integrated cable for CVM					N-121 (1.5 m)



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Measuring Targets							Main Measuring Instruments	Dimensions Weight (Approx.)
Compatible Bridge Resistance	2-wire Quarter Bridge	3-wire Quarter Bridge	Half Bridge	Half Bridge*	3-wire Half Bridge*	Full Bridge		
120 Ω	Yes	—	—	—	—	—	MRS-101A-SE	35 W $\times$ 5 H $\times$ 3.2 D mm 2 g (Excluding protrusions)
120 Ω	Yes	—	—	—	—	—	MRS-101B-S	36 W $\times$ 5 H $\times$ 3.2 D mm 2 g (Excluding protrusions)
120 Ω 350 Ω	Yes	Yes	Yes	Yes	Yes	Yes	DPM-900 Series CDA/CDV-900A	60 W $\times$ 42 H $\times$ 20 D mm (Excluding cable, etc.) 600 g (Including cable)
120 Ω	Yes	—	—	—	—	—	WDS-190AS1E	22 W $\times$ 22 H $\times$ 58.5 D mm 60 g
	Yes	Yes	—	—	—	—		
120 Ω	Yes	Yes	Yes	Yes	Yes	Yes	DPM-900 Series CDA/CDV-900A	60 W $\times$ 20 H $\times$ 20 D mm 60 g (main body)
120 Ω 350 Ω	Yes	Yes	Yes	Yes	—	Yes	DPM-900 Series CDA/CDV-900A	25 W $\times$ 110 H $\times$ 25 D mm 200 g (Including cable)
120 Ω	Yes	—	—	—	—	—	MRS-104A-S	18.5 W $\times$ 9.5 H $\times$ 3.2 D mm 2 g (Excluding protrusions)
120 Ω	—	Yes	—	—	—	—	MRS-104A-S	18.5 W $\times$ 9.5 H $\times$ 3.2 D mm 2.5 g (Excluding protrusions)
120 Ω 350 Ω	Yes	Yes	Yes	Yes	—	Yes	DPM-42B	154 W $\times$ 22 H $\times$ 61.4 D mm (Excluding protrusions) 280 g 350 g (Including DBV-MOUNT)
							EDX-11A/14A/15A	
							DPM-42B	
							EDX-11A/14A/15A	
120 Ω 350 Ω	Yes	Yes	—	—	—	—	EDX-11A/14A/15A	83 W $\times$ 14 H $\times$ 47 D mm (Excluding protrusions) 45 g
120 Ω 350 Ω	Yes	Yes	—	—	—	—	EDX-11A/14A/15A	83 W $\times$ 18 H $\times$ 40 D mm (Excluding protrusions) 85 g
120 Ω 350 Ω	Yes	Yes	—	—	—	—	DPM-42B	115 W $\times$ 22 H $\times$ 61.4 D mm (Excluding protrusions) main body: 250 g Including DBS-MOUNT: 300 g
							CDV-40B	
							CDV-40B	
							DPM-42B	
							CDV-40B	
							CDV-40B	
—							CVM-41A	
120 Ω 350 Ω	Yes	Yes	Yes	Yes	—	Yes	DPM-42B CDV-40B	240 W $\times$ 95 H $\times$ 25 D mm (Excluding cable and protrusions) 1.4 kg (Including cable)
120 Ω 350 Ω	Yes	Yes	Yes	Yes	—	Yes	DPM-42B	286 W $\times$ 22 H $\times$ 61.4 D mm (Excluding protrusions) 480 g
							CDV-40B	
							DPM-42B	
							CDV-40B	
—							CVM-41A	

*Gages on the opposite arms of the Wheatstone bridge circuit