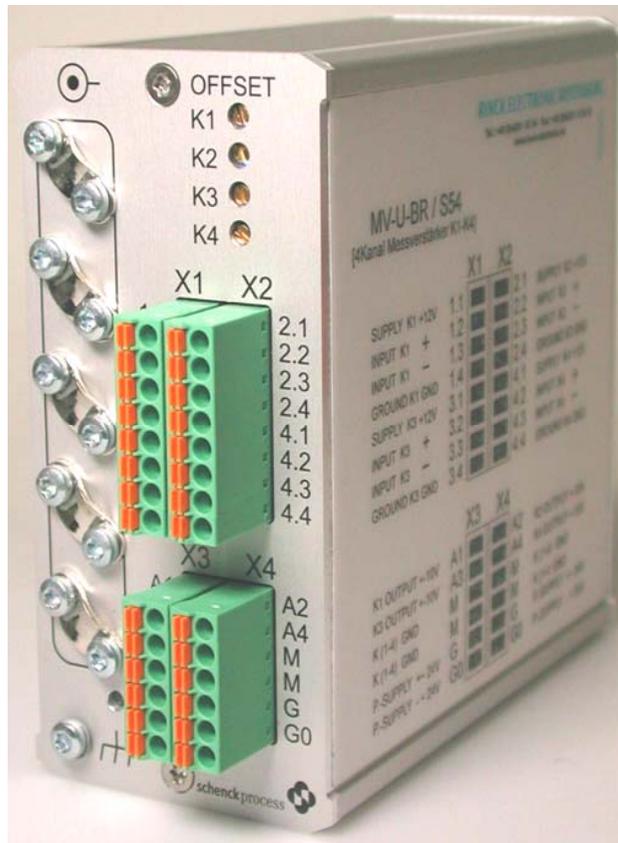


MV-U-BR / S54



Terminal

Plug- Screw terminal
 2x6, 2x 8 pin. max. 1,5 qmm
 adjust offset channel 1-4
 channel 1:
 X1.1 + bridge supply 1
 X1.2 + input 1
 X1.3 - input 1
 X1.4 - bridge supply 1, GND
 X3.A1 output 1, +-10V
 channel 2:
 X2.1 + bridge supply 2
 X2.2 + input 2
 X2.3 - input 2
 X2.4 - bridge supply 2, GND
 X4.A2 output 2, +-10V
 channel 3:
 X3.1 + bridge supply 3
 X3.2 + input 3
 X3.3 - input 3
 X3.4 - bridge supply 3, GND
 X3.A3 output 3, +-10V
 channel 4:
 X4.1 + bridge supply 4
 X4.2 + input 4
 X4.3 - input 4
 X4.4 - bridge supply 4, GND
 X4.A4 output 4, +-10V
 Ground GND:
 X3.M u. X4.M GND, - output 1-4
 power supply:
 X3.G and X4.G, power supply 24V
 X3.G0 and X4.G0, “

Technical Data

Input 1-4, channel 1-4	-20 - +20mV DC
gain factor	V = 500, or to order
transfer amplitude	100% till max.1 kHz input – output
cut-off frequency	f _c = 4 kHz
Supply measuring bridge	12V DC bridge supply
current, channel 1-4	max. 0,8 A (residual current)
Shield connection of the bridge cables	with cable clamps to GND
Case connection, GND also to mounting rail	M4 screw on the front and to TS35 clips
Output channel 1-4	-10V - 0 - +10V
output current	max. 20mA / output
Precision	0,1%
Power supply	24V AC/DC, +-5%
Power current	max. 1A
Isolation to supply	500 V _{ss}
Operating temperature	-10 - +50°C
Storage temperature	-30 - +80°C
Construction	aluminium case, TS35, EN50022
Safety class	IP50
Weight	450 g
Dimensions	53 x 105 x 130 mm (WxHxD)

4 channel converter with 4x measuring bridge (Weatstonebrücke) and bridge supply voltage 12V (or other to custom order).
 Offset corrections, parallel shifting of the measuring curve, with adjusting screws. Electrical isolation to power supply, LED green: power supply
 To prevent disturbance injection, the cables shields are to clamp to ground (GND) and the housing (screw/rail clip) must connected to a good ground.

RINCK ELECTRONIC GMBH

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4 CHANNEL BRIDGE CONVERTER MV-U-BR / S54

Input 1-4	-20 - +20mV	(or to custom order)
Bridge supply 1-4	12V DC	“
Output 1-4	-10V - 0 - +10V	(or to custom order)
Power supply	24 V AC/DC	