

VKD2R-8

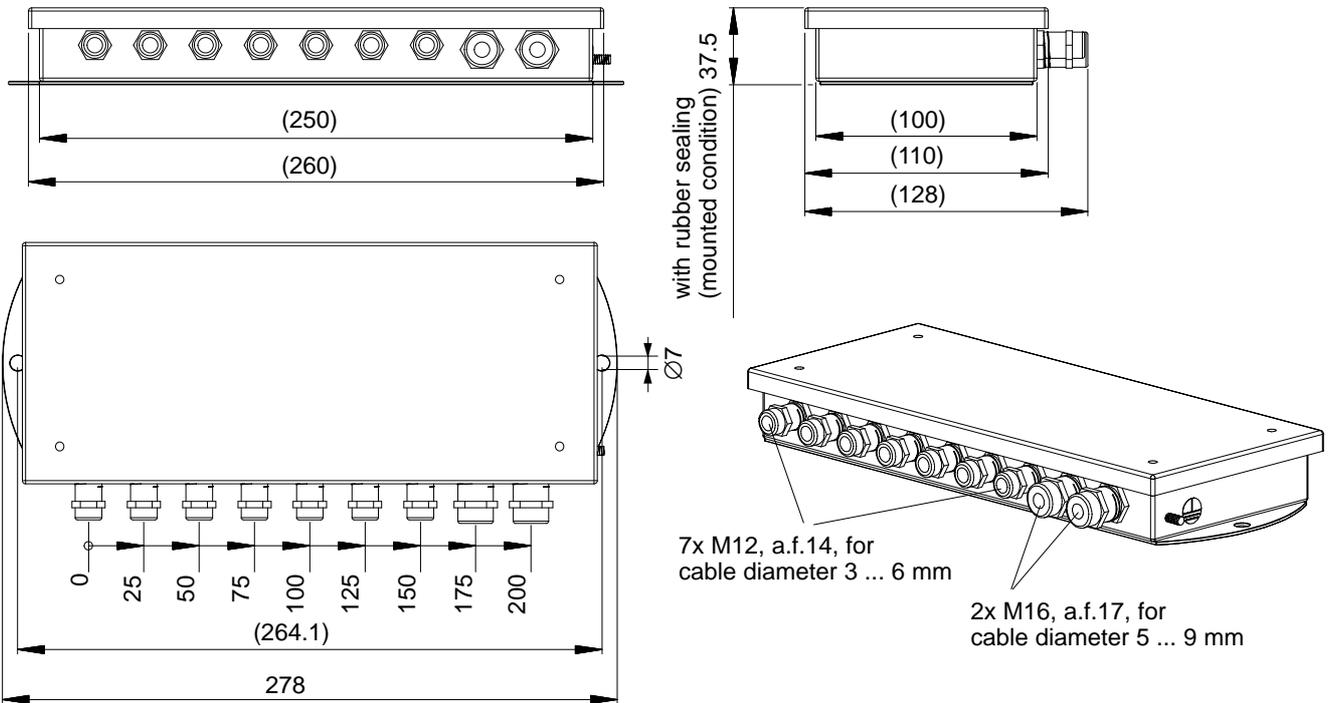
Junction box



Special features

- Connection of the RS-485 / RS-4222 serial interfaces with 2-wire or 4-wire bus
- Connection of up to eight digital HBM transducers and electronic units
- Active bus termination
- EMC-tested
- Degree of protection IP65

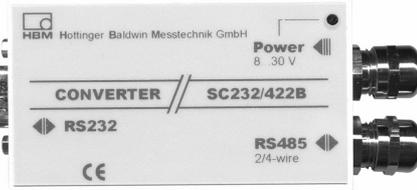
Dimensions (in mm; 1 mm= 0.03937 inches)



Interface converter SC232/422B

COM-Port PC RS-232 - RS-485 / RS-422

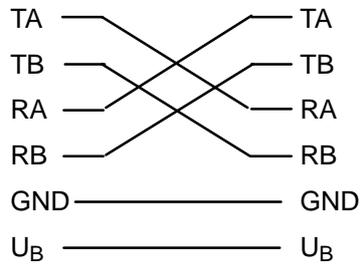
RxD ——— TxD
 TxD ——— RxD
 GND ——— GND



← U_B: 8V...30V_{DC}

SUB-D plug	SUB-D plug
9-pole	9-pole
PIN	PIN
2 = RxD	2 = RxD
3 = TxD	3 = TxD
5 = GND	5 = GND

RS485-Bus Digital transducers



Equivalent designation of the interface
 TA = T- TB = T+
 RA = R- RB = R+

Connection of a digital transducer / amplifier (RS-485-4-wire) to computer via interface converter

Specifications

Type		VKD2R-8	
Bus		RS-485 / RS-422	
Cable length (entire bus)	m	≤1000	
Connectable HBM-Products		4-wire bus	2-wire bus
Digital transducers		C16i, FIT®	
Digitale transducer electronics		AED9101B, AED9201A	AED9101B
Digitale meas. chains with transducer electronics		AD104-R5	AD105
Weighing electronics		WE2107, WE2108, WE2110, DIS2116	
Supply (for active bus termination)			
Operating voltage ¹⁾ (DC)	V	6 ... 15... 30	
Currant consumption VKK (only bus termination)	mA	≤ 30	
Temperature ranges			
Nominal temperature range	°C [°F]	-10...+60 [14...140]	
Service temperature range	°C [°F]	-20...+70 [-4...158]	
Storage temperature range	°C [°F]	-40...+85 [-40...185]	
Miscellaneous			
Material			
Housing		stainless steel	
Sleeve-nut		brass, nickel plated	
Clamping cone		Neoprene	
Weight, approx.	g	800	
Degree of protection to EN60529 (IEC529)		IP65	

¹⁾ Depending on the connected transducer / amplifier / interface converter

Modifications reserved.
 All details describe our products in general form only. They are not to be understood as express warranty and do not constitute any liability whatsoever.

Hottinger Baldwin Messtechnik GmbH

Im Tiefen See 45, D-64293 Darmstadt, Germany
 Tel.: +49 6151 8030; Fax: +49 6151 803 9100
 E-mail: support@hbm.com www.hbm.com



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