

VKK2R-8 DIGITAL

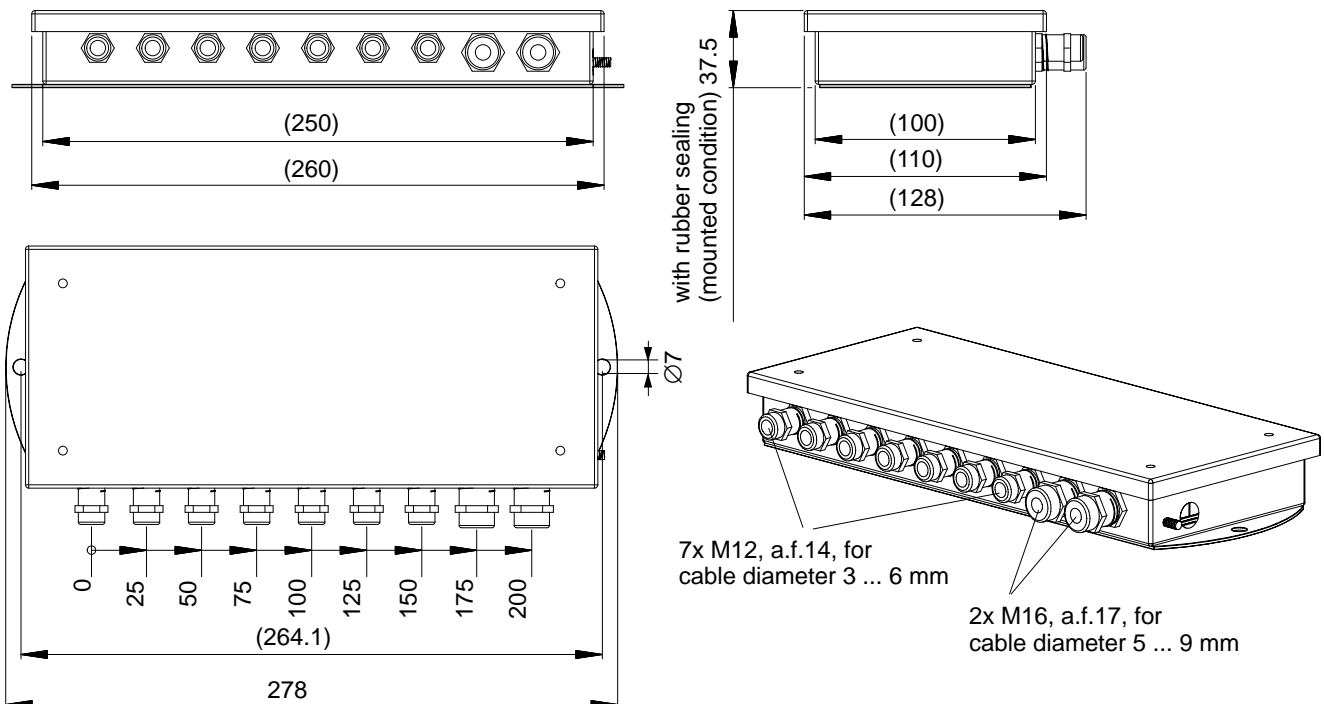
Junction box

Special features

- Connection of the RS-485 / RS-422 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



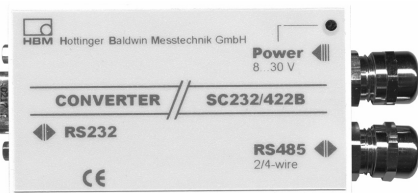
Dimensions (in mm; 1 mm= 0.03937 inches)



Interface converter SC232/422B

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

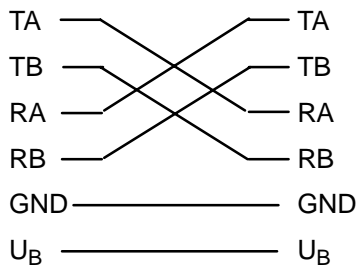
RxD ——— TxD
 TxD ——— RxD
 GND ——— GND



← 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		VKK2R-8 DIGITAL	
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	
Supply (for active bus termination)			
Operating voltage ¹⁾ (DC)	V	6 ... 30	
Current 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			
Dimensions (L x W x H)	mm	200 x 65 x 40	
Material			
Housing		stainless steel	
Sleeve-nut		brass, nickel plated	
Clamping cone		Neoprene	
Weight, approx.	g	800	
Degree of protection to DIN40050 (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.

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