

VK20A

Junction box

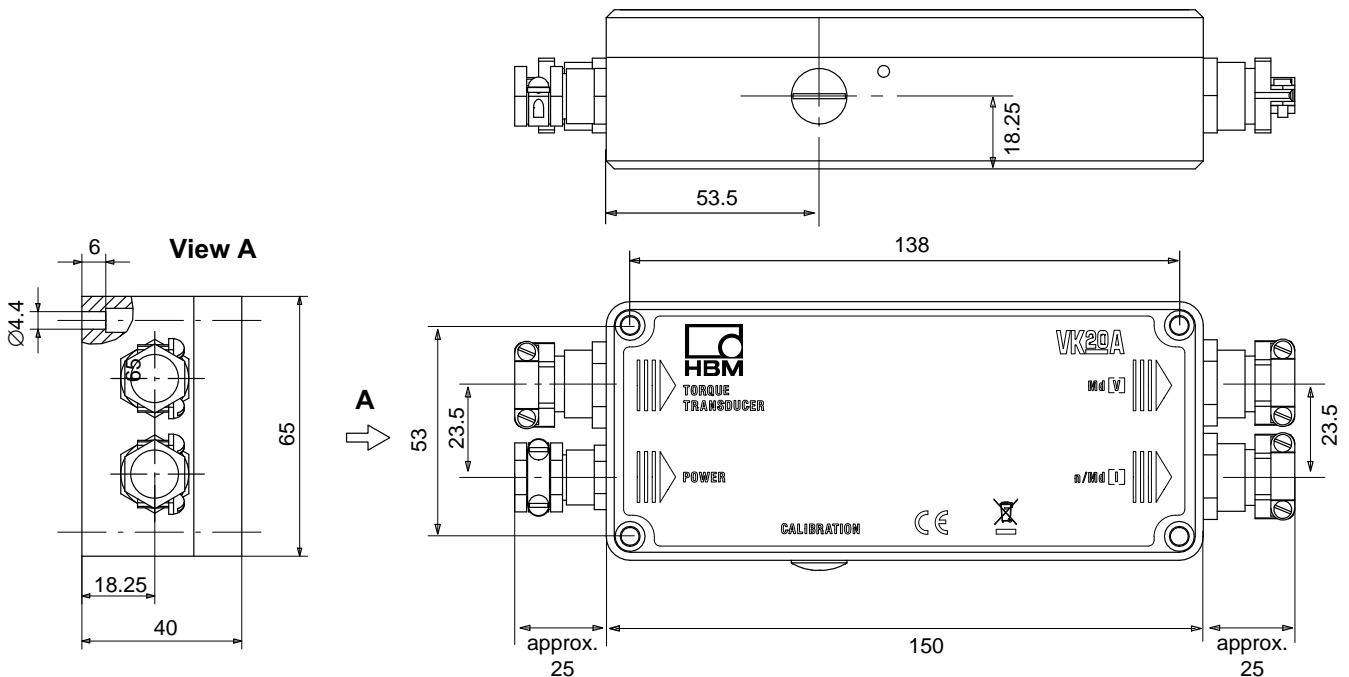
Special features

- For connecting T20WN, T21WN, T22 torque transducers
- Integrated control signal triggering with T20WN
- 14 ... 30 V DC supply voltage range
- IP65 degree of protection per EN60529
- EMC-tested per EN61326-1 through HBM shielding design

Data sheet



Dimensions (in mm; 1 mm = 0.03937 inches)



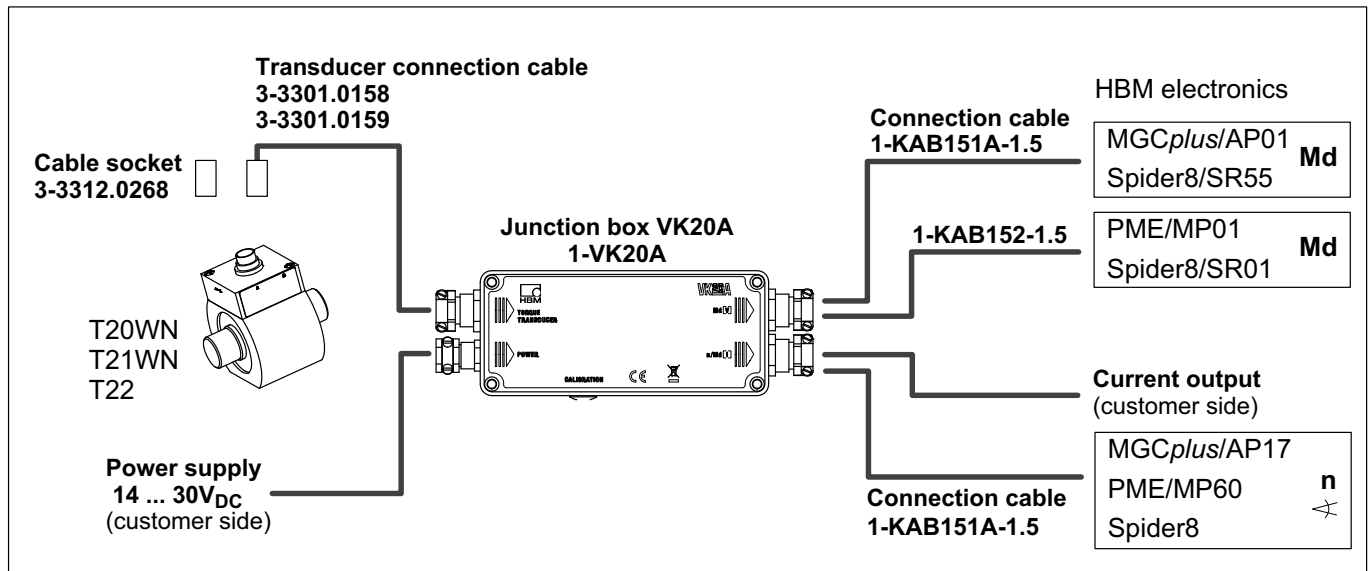
Specifications

Type		VK20A
Supply voltage	V	24
Supply voltage range	V	14 ... 30
Current consumption	mA	max. 300, typ 150
Power consumption	W	max. 9
Transducers that can be connected		T20WN, T21WN, T22
Max. cable length to transducer	m	10
Outputs		
Torque		
T20WN, T21WN (voltage output)	V	-10...+10
T22 (voltage output)	V	-5...+5
T22 (current output)	mA	2...18
Loading capacity		see T20WN, T21WN, T22
Accuracy		see T20WN, T21WN, T22
Max. cable length	m	10
Rotational speed/angle of rotation (T20WN, T21WN)		2 square wave signals 90° phase shifted for detection of the direction of rotation
Level	V	0/5 (RS 422 complementary signals)
Loading capacity	mA	max. 20
Max. cable length	m	10
Control signal		
External control signal release (T20WN, T21WN)		
Off	V	< 2 (0 V...2 V)
On	V	> 5 (5 V...30 V)
Internal control signal release (T20WN, T21WN)		via push button
General data		
Nominal (rated) temperature range	°C [°F]	-10...+60 [+14...+140]
Operating temperature range	°C [°F]	-10...+60 [+14...+140]
Storage temperature range	°C [°F]	-20...+70 [-4...+158]
Degree of protection per EN 60529		IP65
Emission (EME)		EN 61326-1 / EN 55011
Immunity from interference		EN 61326-1
Weight	g	approx. 500

Accessories, to be ordered separately

Connection cable, 1.5 m long (D-Sub, 15-pin - free ends), order no. 1-KAB151A-1.5

Connection cable, 1.5 m long (SUBCON5 - free ends), order no. 1-KAB152-1.5



Subject to modifications.
All product descriptions are for general information
only. They are not to be understood as a guarantee
of quality or durability.

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