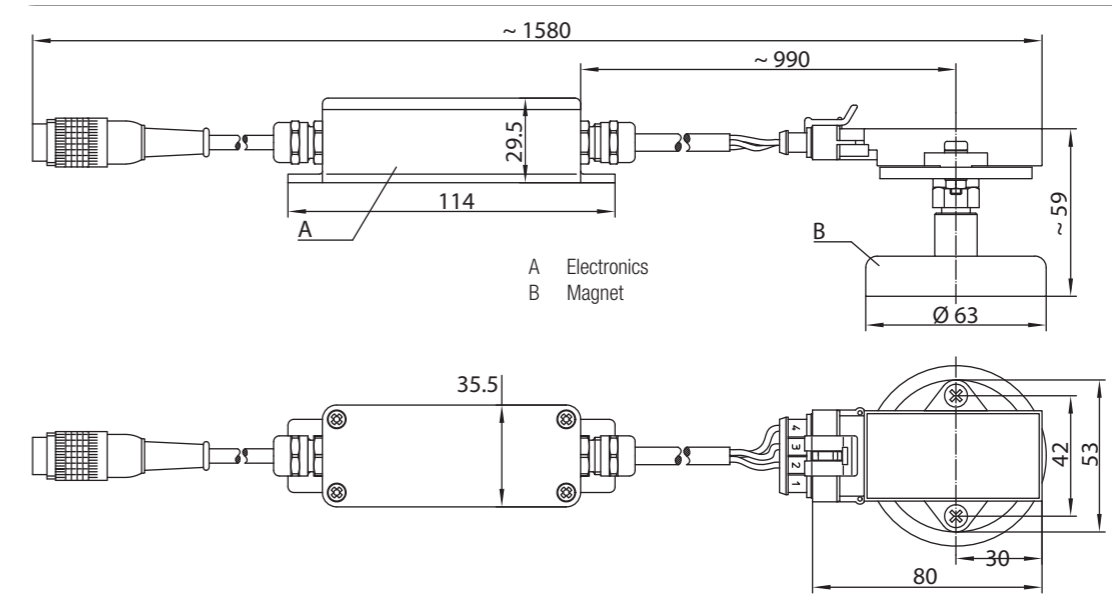


# HySense® VB 110

The **HySense® VB 110** is a capacitive vibration sensor that was engineered specifically for low-lag data acquisition in difficult ambient conditions. The permanent magnets integrated into the base ensure that the sensor can be installed on metal surfaces easily and quickly.



Dimensions in mm

General characteristics	
Sensor principle	Capacitive acceleration sensor
Frequency range	1 ... 100 Hz
Measuring range	±50 G
Output signal	Frequency (square wave signal)
Nonlinearity	< ±2%
Measuring accuracy	< ±2%
Electrical connector	M16 x 0.75, 5-pin
Mechanical connection	Magnetic base
Body material	Plastic; resistant to fuels, oils, salts, and specific chemicals
Ambient temperature	-20 ... 85 °C
IP degree of protection	IP66 (sensor element)
Weight	547 g
Part No.	3183-71-01.00

