

## Product specifications

Model No.	<b>M-A342VD10</b>	M-A542VR10
Type	Built-in	IP67 dust and water protection
Outside dimensions	48 × 24 × 16 mm	65 × 60 × 30 mm
Host connector	Receptacle connector (1.00 mm)	M12 connector
Interface	SPI & UART	RS422
Transfer speed	115.2 kbps to 921.6 kbps (default 460.8 kbps)	
Detected axes	3	
Physical output quantities	Velocity and displacement	
Output formats	raw, rms, p-p (digital output)	
Dynamic range	Velocity: ±100 mm/s Displacement: ±200 mm	
Measured frequency range	Velocity: 10 Hz to 1,000 Hz Displacement: 1 Hz to 100 Hz	
Supply voltage	3.15 V to 3.45 V	9 V to 32 V
Current consumption	29 mA (3.3 V)	51 mA (12 V)
Operating temperature range	-30°C to 85°C	-30°C to 70°C

## Glossary

ISO 10816 & ISO 20816:

Standards created by the International Organization for Standardization (ISO) that set forth general guidelines for the measurement and evaluation of machine vibration measured on rotating and non-rotating machines.