ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Keyence EX-505* at our website: *Click HERE*



EX-510

Amplifier Unit

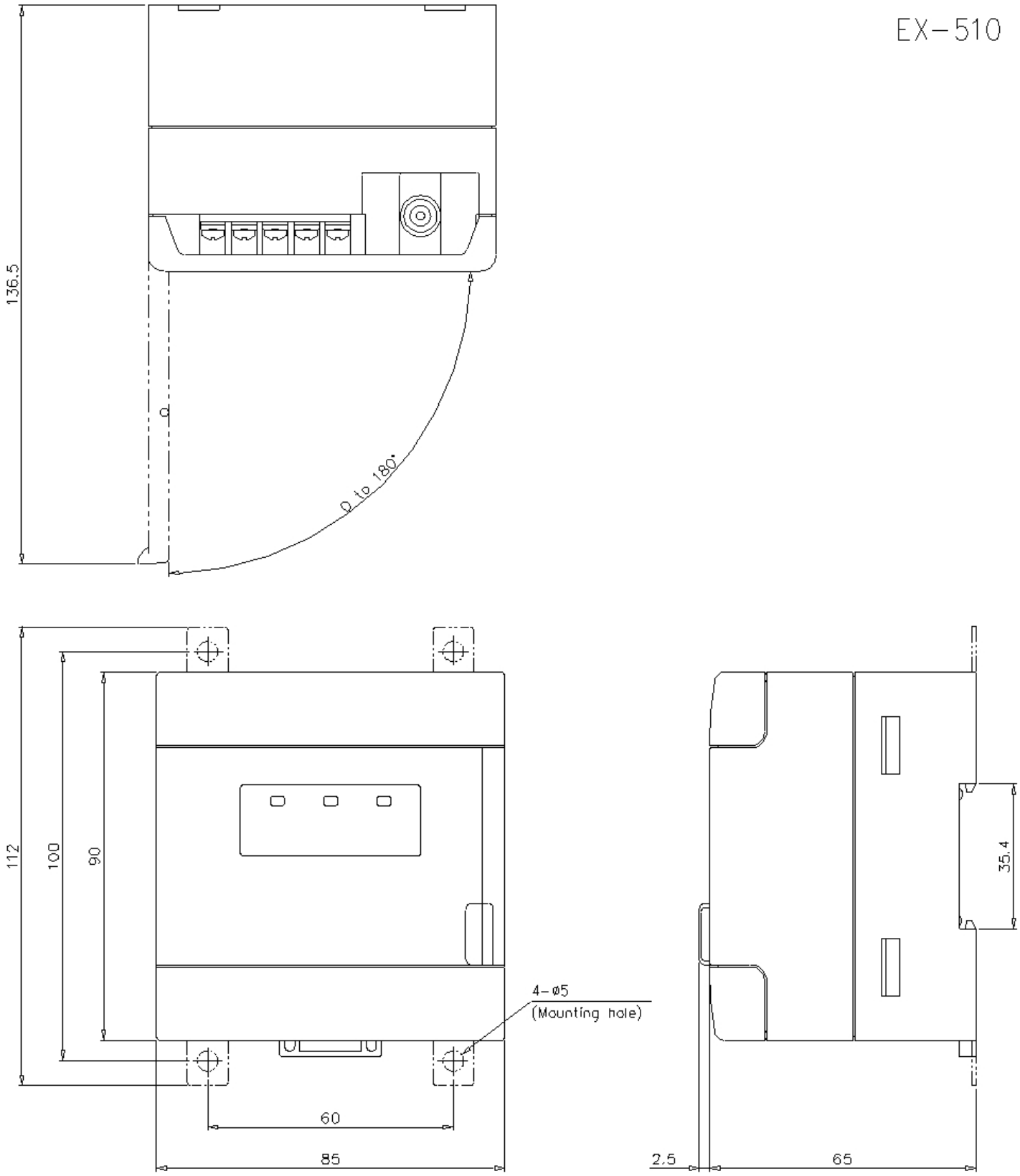
SPECIFICATIONS

Model		EX-510
Type		Controller
Shape		M22, Threaded, Non-shielded
Measuring range		0 to 10 mm 0.39"
Analog output	Output voltage	0 to 5 V (Output impedance: 100 Ω)*1
	Impedance	100 Ω*2
	Output current	4 to 20 mA (Applicable load: 0 to 350 Ω)*1
	Resolution	0.03% of F.S. (RESPONSE = 3, 4)*2
	Linearity	±0.3% of F.S. (RESPONSE = 2, 3, 4)*1
	Response time (Response mode)	0.1 ms (RESPONSE = 1), 1 ms (RESPONSE = 2), 10 ms (RESPONSE = 3), 100 ms (RESPONSE = 4)*2
Disconnection alarm output (N.C.)		NPN: 100 mA max. (40 V), Residual voltage: 1 V max.*3
Functions		Auto-zero function/Auto-span function, Response time selector function/ Preset metal characteristic memory function, Cable length selector function/Interference suppression function
Temperature characteristics		0.04% of F.S./°C*2
Temperature fluctuation	Sensor head	0.03% of F.S./°C*4*2
Temperature characteristics	Amplifier unit	0.04% of F.S./°C*2
Rating	Power voltage	12 to 24 VDC ±10%
	Current consumption.	220 mA max.
Environmental resistance	Enclosure rating	IP67
	Operating temperature range	0 to 50°C 32 to 122°F
	Operating ambient humidity	35 to 85% RH (No condensation)
	Vibration	10 to 55 Hz, double amplitude: 1.5 mm 0.06", 2 hours in each of X, Y, and Z directions
Weight		Approx 360 g

*1 The above data was obtained using an aluminum target (A5052 t=1 mm 0.04). When measuring steel or stainless steel targets, refer to the characteristics of linearity for these materials.
*2 The above data was obtained using an aluminum target (A5052 t=1 mm 0.04"). When measuring steel or stainless steel targets, refer to the characteristics of linearity for these materials.
*3 NPN output can easily be converted to PNP output by connecting the optional OP-5148 PNP Output Converter.
*4 When the distance between the sensor head and the target is 50% of the measuring range and the operating temperature is 10 to 40°C (50 to 104°F) (EX-008) or 0 to 50°C (32 to 122°F) (EX-016 and EX-022).

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Dimensions



Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP