

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 *Sony BD15* at our website: *Click HERE*

Detector for LASERSCALE

BD15
BD15-T

Detector unit for ultra-high precision position control

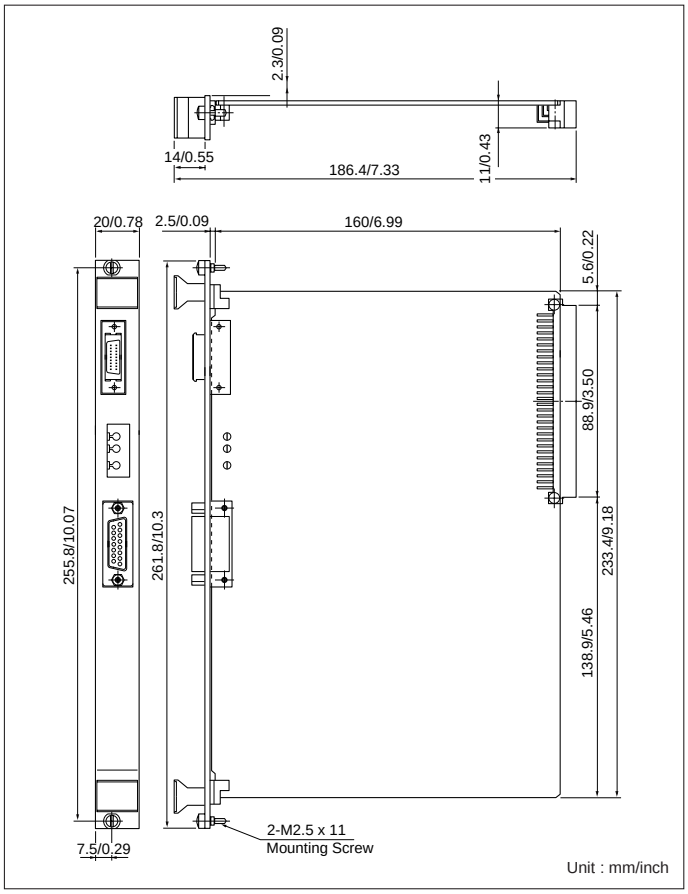
- High resolution: 0.0086··· µm
- Max. response speed: 120 mm/s
- Can be incorporated in a VME bus rack.
- A/B phase signal and alarm signal output by differential line driver.
- Operable from + 5 V DC and ± 12 V DC power supply (in compliance with VME bus).

Specifications

Model	BD15
Resolution	0.0086··· µm
Output pulse width	72 ns (at 120 mm/ s)
Max. response speed	120 mm/ s
Output signal	A/B phase output by differential line driver (equivalent to SN75113), without pitch compensation
Alarm	Max response speed exceeded, cable broken or disconnected, other circuit errors
Reset	Turn power off and back on or use external input
Power supply	+ 5 V DC ± 5% or ± 12 V DC ± 5%
Power consumption	Max. 5.7 W
Operating temperature	0 ˚C to 40 ˚C / 32 ˚F to 104 ˚F
Storage temperature	-10 ˚C to 50 ˚C / 14 ˚F to 122 ˚F
Dimensions	20 x 186.4 x 261.8 mm/ 0.8" x 7.3" x 10.3" (W x H x D)
Mass	0.3 kg/ 0.66 lbs



Dimensions



Detectors & Interpolators

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