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.

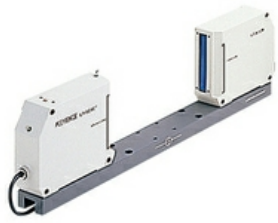
**Custom engineering**
so your equipment works exactly as you specify.

- 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 LS-5041R* at our website: ***Click HERE***



# LS-5041

Sensor Head

CE

**[Discontinued model]**
This model has been discontinued.

**Recommended Replaceable Products**

- Head
  Standard model with monitor camera

**To contact us:**
1-888-539-3623

## SPECIFICATIONS

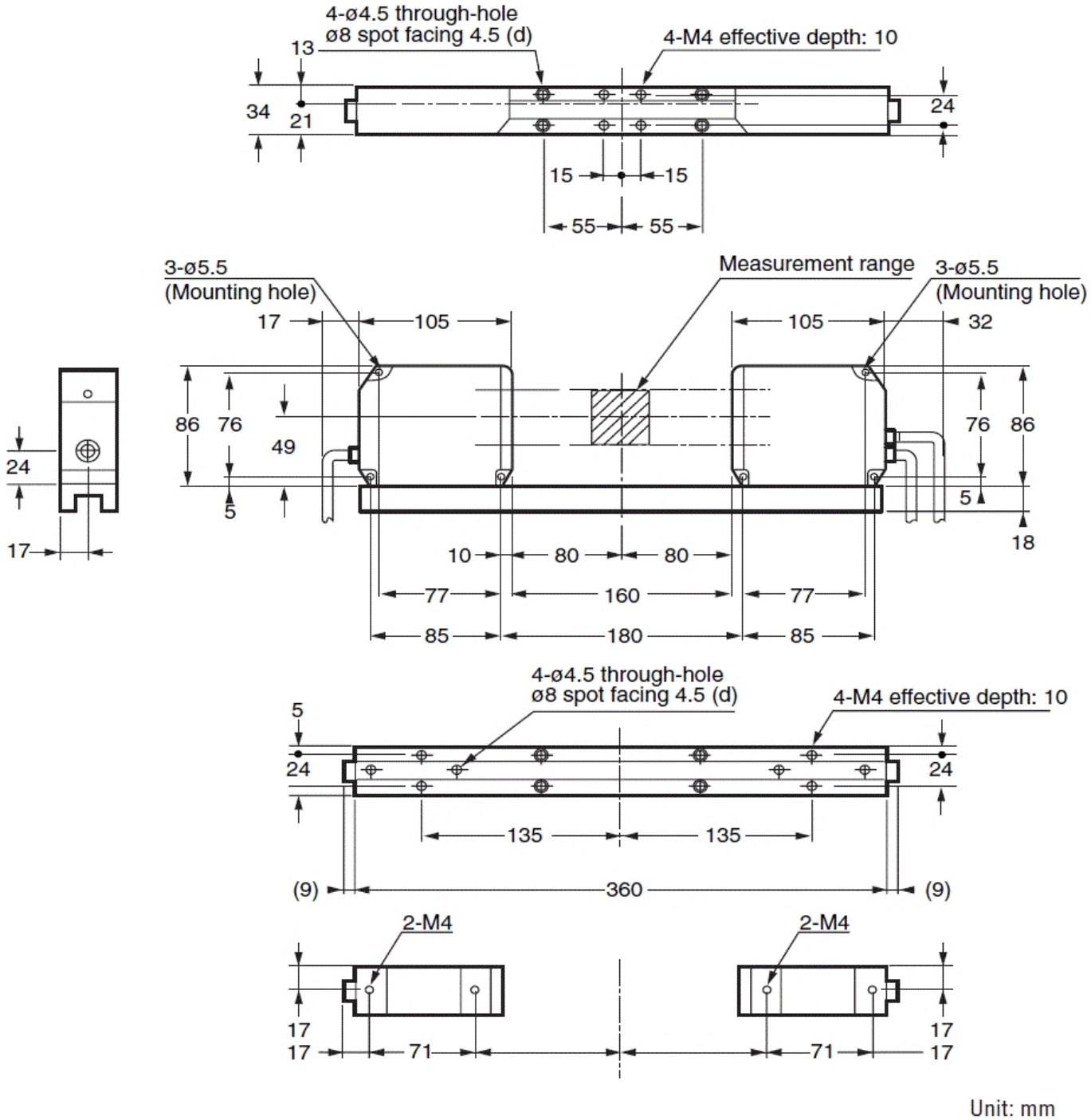
| | | |
|---|---|---|
| Model | | LS-5041 |
| Type | | Standard |
| Applicable controller | | LS-5501/LS-5001 |
| Transmitter/receiver distance | | 160 ±40 mm 6.30" ±1.57" |
| Measurement range | | 0.2 to 40 mm 0.01" to 1.57" |
| Smallest detectable object | | 0.2 mm 0.01" |
| Repeatability | | ±0.3 µm max. ±0.000012"*1 |
| Measurement accuracy | | ±2 µm max. ±0.000079"*2 |
| Laser scan rate | | 1,200 scans/sec |
| Laser scan velocity | | 121 m 397.0'/sec |
| Laser scan range | | Approx. 46 mm 1.81" |
| Light source | | Visible red semiconductor laser<br>Maximum output: 0.8 mW, Pulse duration: 63 µs, Wavelength: 670 nm, FDA: Class II, IEC: Class 2 |
| Environmental resistance | Enclosure rating | IP64 |
| | Ambient temperature | 0 to +50 °C 32 to 122 °F |
| | Relative humidity | 35 to 85 % RH (No condensation) |
| Weight | | Approx. 1.4 kg (including base) |

*1 When the average number of measurements is set to 768 in a 10 mm x 20 mm 0.39" x 0.79" measuring area.
*2 When a round rod 10 mm 0.39" in diameter is measured in a 10 mm x 20 mm 0.39" x 0.79" measuring area.

## Dimensions

* Download CAD file or product manual for larger image/text and more detail.

LS-5040/5041




Unit: mm

**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