

# DIGITAL INDICATORS (WITH TRANSMISSION BUTTON AND SIGNAL LIGHT)

DATA  
OUTPUT

**INSPECTION  
CERTIFICATE**  
TRACEABLE TO NIST



2138-10



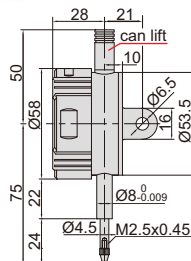
2139-25



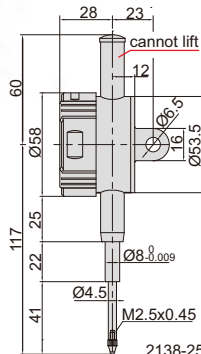
2139-25P



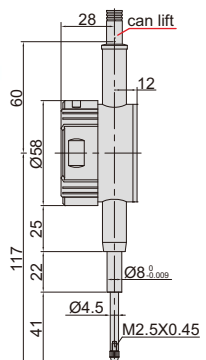
2138-50



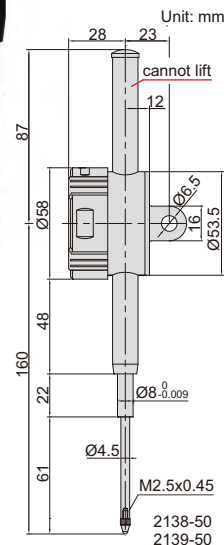
2138-10  
2139-10



2138-25  
2139-25



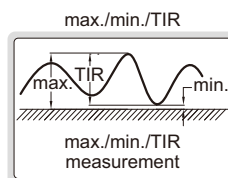
2138-25P  
2139-25P



Unit: mm

2138-50  
2139-50

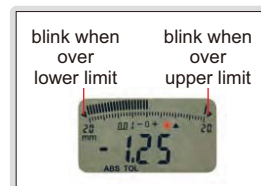
- Reading in digital and analog
- Display can be rotated by 320°
- Button function: on/off, zero, tolerance Go and No-Go display, data preset, measuring direction change, max./min./TIR measurement, inch/metric conversion, absolute/incremental measurement, data output
- Keep preset data and tolerance data in memory after restart
- CR2032 battery, automatic power off (time is adjustable)
- Data output
- Optional accessory: data output cable (code **7315-50M**, **7302-40M**, **7305-40M**), backs (page 167~168), contact points (page 164~166)



## Resolution 0.001mm/0.00005"

| Code      | Range       | Accuracy | Hysteresis | Maximum measuring force | Remark                   |
|-----------|-------------|----------|------------|-------------------------|--------------------------|
| 2138-10F* | 12.7mm/0.5" | 5μm      | 2μm        | 1.5N                    | flat back                |
| 2138-25F* | 25.4mm/1"   | 5μm      | 3μm        | 2.2N                    | flat back                |
| 2138-50F* | 50.8mm/2"   | 6μm      | 3μm        | 2.5N                    | flat back                |
| 2138-10*  | 12.7mm/0.5" | 5μm      | 2μm        | 1.5N                    | lug back                 |
| 2138-25*  | 25.4mm/1"   | 5μm      | 3μm        | 2.2N                    | lug back                 |
| 2138-50*  | 50.8mm/2"   | 6μm      | 3μm        | 2.5N                    | lug back                 |
| 2138-25P* | 25.4mm/1"   | 5μm      | 3μm        | 2.2N                    | flat back, with lift cap |
| 2138-50P* | 50.8mm/2"   | 6μm      | 3μm        | 2.5N                    | flat back, with lift cap |

warning when over tolerance



## Resolution 0.01mm/0.0005"

| Code      | Range       | Accuracy | Hysteresis | Maximum measuring force | Remark                   |
|-----------|-------------|----------|------------|-------------------------|--------------------------|
| 2139-10F* | 12.7mm/0.5" | 20μm     | 10μm       | 1.5N                    | flat back                |
| 2139-25F* | 25.4mm/1"   | 20μm     | 10μm       | 2.2N                    | flat back                |
| 2139-50F* | 50.8mm/2"   | 30μm     | 10μm       | 2.5N                    | flat back                |
| 2139-10*  | 12.7mm/0.5" | 20μm     | 10μm       | 1.5N                    | lug back                 |
| 2139-25*  | 25.4mm/1"   | 20μm     | 10μm       | 2.2N                    | lug back                 |
| 2139-50*  | 50.8mm/2"   | 30μm     | 10μm       | 2.5N                    | lug back                 |
| 2139-25P* | 25.4mm/1"   | 20μm     | 10μm       | 2.2N                    | flat back, with lift cap |
| 2139-50P* | 50.8mm/2"   | 30μm     | 10μm       | 2.5N                    | flat back, with lift cap |

analog pointer

analog pointer



spindle lift knob is included



2138-25P/50P  
2129-25P/50P

pull lift cap to lift point



\* Supplied with manufacturer inspection certificate traceable to NIST USA