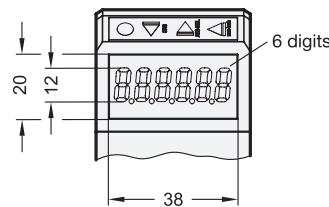
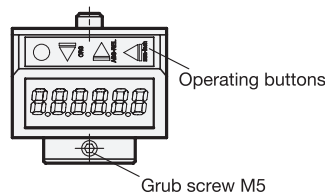


2 Identification no.

- 1 Protection class IP 65
- 2 Protection class IP 67

Top view

View on the LCD display



Specification



- Housing
Plastic
Technopolymer (Polyamide PA)
- Orange, RAL 2004 ● OR
- Gray, RAL 7035 ● GR
- Temperature resistant up to 122 °F (50 °C)
- Oil and solvent resistant
- LCD display
6 digits and special characters
- Hollow shaft
Stainless steel AISI 304
- Seal
O-ring
Rubber NBR (Perbunan®)
(only for identification no. 2)
- ISO Fundamental Tolerances → page 2129
- IP Protection Classes → page 2130
- Plastic Characteristics → page 2135
- Stainless Steel Characteristics → page 2143
- RoHS compliant

Information

EN 9153 digital position indicators with data transmission via radio frequency are particularly suited for frequent format adjustments and can be mounted quickly and easily. They are connected to the EN 9150 control unit by radio frequency as a wireless system for quick positioning.

EN 9150 control units are required for the system to function. They form the interface between the position indicator and the machine control. A target position value is sent by the machine control to the control unit, which transmits this via radio frequency to the position indicator. The position indicator signals its current position value back to the control unit.

In combination with the machine control, this makes it possible to ensure that the production cycle does not start when the position set on the position indicator is incorrect, which can prevent errors in the production process.

see also...

- Description of Function → page XYZ
- Control Units EN 9150 → page 386
- Mounting Adaptors EN 952.1 (for Position Indicators) → page 388
- Control Knobs GN 957 (for Position Indicators) → page 389
- Clamping Plates GN 9053.6 (for Position Indicators) → page XYZ

How to order

EN9153-B20-2-OR

- 1 Bore
- 2 Identification no.
- 3 Color

Electrical and mechanical characteristics	
Power supply	Lithium battery CR2477, 3 V
Battery life	3 years
Display	6 digit LCD display, 12 mm high with special character support
Reading scale	-199999; 999999
Number of decimal places	Programmable (see operating instruction)
Unit of measure	mm, inch or degrees (programmable)
Max. revolution speed	300 / 600 / 1000 rpm (programmable, standard 600 rpm)
Precision	10,000 impulses / revolution
Working temperature	32 °F - 122 °F (0 °C - 50 °C)
Humidity	Max. 95 % at 77 °F (25 °C) (without condensation)
Interference protection	Acc. to guideline 2014/53/EU (RED)

Configurable display options

One advantage of electronic position determination lies in the wide range of display options on the position indicator.

The following settings can be configured with the 4 function buttons:

- Selecting incremental or absolute measurement mode
- Changing the unit of dimension (mm, inch or degree)
- Resetting the counter or setting an offset value
- Changing the display value after one turn
- Changing the resolution, i.e. the number of displayed decimal places
- Changing the direction of rotation or counting
- Changing the display orientation (based on the installation orientation)
- Setting the maximum speed of rotation

The installed lithium battery has a life of over 3 years. Time to replace the battery is indicated by a symbol on the display. Battery replacement is easy - simply remove the front cover.

Other important information and instructions can be found in the operating instruction for EN 9153 digital position indicators. This is included with every position indicator and can be downloaded from www.jwwinco.com in the "Service" section.

