

FW-H10R

Sensor Head



## SPECIFICATIONS

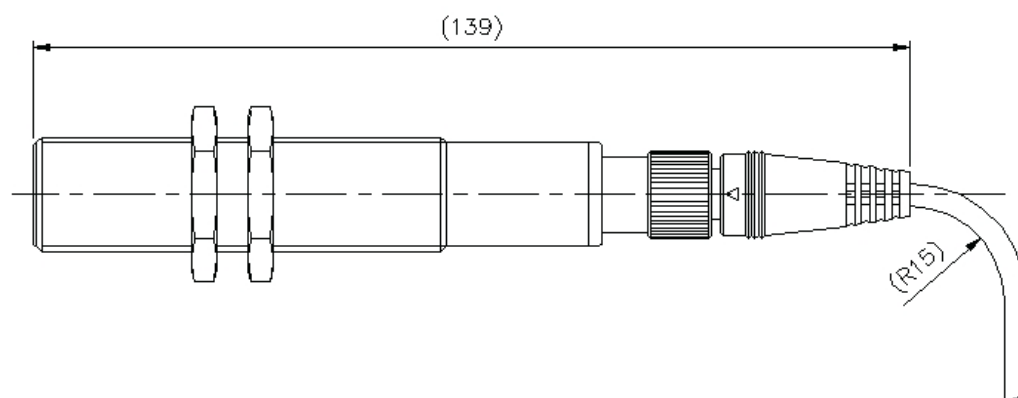
Model		FW-H10R
Type		Long range
Detecting area		150 to 1000 mm <sup>*1</sup>
Response speed		1,000 ms
Temperature characteristics		0.06% of F.S./°C <sup>*2</sup>
Indicator lamp		Operation indicator (orange) x1 (Turns on when the target is within the detecting range.)
Dimensions		M18 x P1, Length= 104 mm
Environmental resistance	Enclosure rating	IP67
	Ambient temperature	-25 to +70 °C (No freezing)
	Relative humidity	35 to 85 % RH (No condensation)
	Vibration resistance	10 to 55 Hz, Double amplitude 1.5 mm, 2 hours in each of the X, Y, and Z axis
Material		Brass-nickel plating, PBT, Polyurethane, Polyamide resin
Accessories		M18 nut: 2, Head cable: 2 m , Standard Mounting Bracket (FW-B01)
Weight		Approx. 106 g
<sup>*1</sup> Less stable zones of approx. 2% of F.S. exist at both ends of the detecting range. <sup>*2</sup> The errors for the indicated value at 25°C (77°F).		

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

fw-h10r\_dimension\_01.gif

Technical drawing of a shaft assembly. The drawing shows a shaft with a total length of 104. The distance from the left end to the center of the two gears is 65.4. The distance from the right end of the shaft to the center of the gears is 14. The shaft has a diameter of 16.4. The gears are labeled M18, P=1\* and M12, P=1. The shaft has a cross-flat of 24 and a thickness of 4. An operation indicator is shown on the right end of the shaft.

\*Compatible female screw: Min. inner diameter of 17.1



Sensor cable

