



IV2-G500MA

Sensor head Standard model Monochrome AF type



*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model		IV2-G500MA
Type		Standard model
Reference distance		20 to 500 mm 0.79" to 19.69"
Field of view		Installation distance of 20 mm 0.79": 10 (H) × 7.5 (V) mm 0.39" (H) × 0.30" (V) to Installation distance of 500 mm 19.69": 200 (H) × 150 (V) mm 7.87" (H) × 5.91" (V)
Indicators		2 (the same display details for both indicators)
Image receiving element	Type	1/3 inch monochrome CMOS
	Number of pixels	752 (H) × 480 (V)
Focus adjustment		Automatic*1
Exposure time		1/10 to 1/50000
Lights	Illumination	White LED
	Lighting method	Switchable between pulse lighting and DC lighting
Environmental resistance	Enclosure rating	IP67*2
	Ambient temperature	0 to +50°C 32 to 122°F (No freezing)
	Relative humidity	35 to 85% RH (No condensation)
	Vibration resistance	10 to 55 Hz; double amplitude 1.5 mm 0.06"; 2 hours in each of the X, Y, and Z directions*3
	Shock resistance	500 m/s² 1640.4'/s², 6 times in each of the 3 directions*3
Material		Main unit case: Zinc die-casting, Front cover: Acrylic (hard coat), Operation indicator cover: TPU
Weight		Approx. 75 g

*1 The focus position can be automatically adjusted at the time of installation. This function is deactivated during operation. A different focus position can be registered for each program.

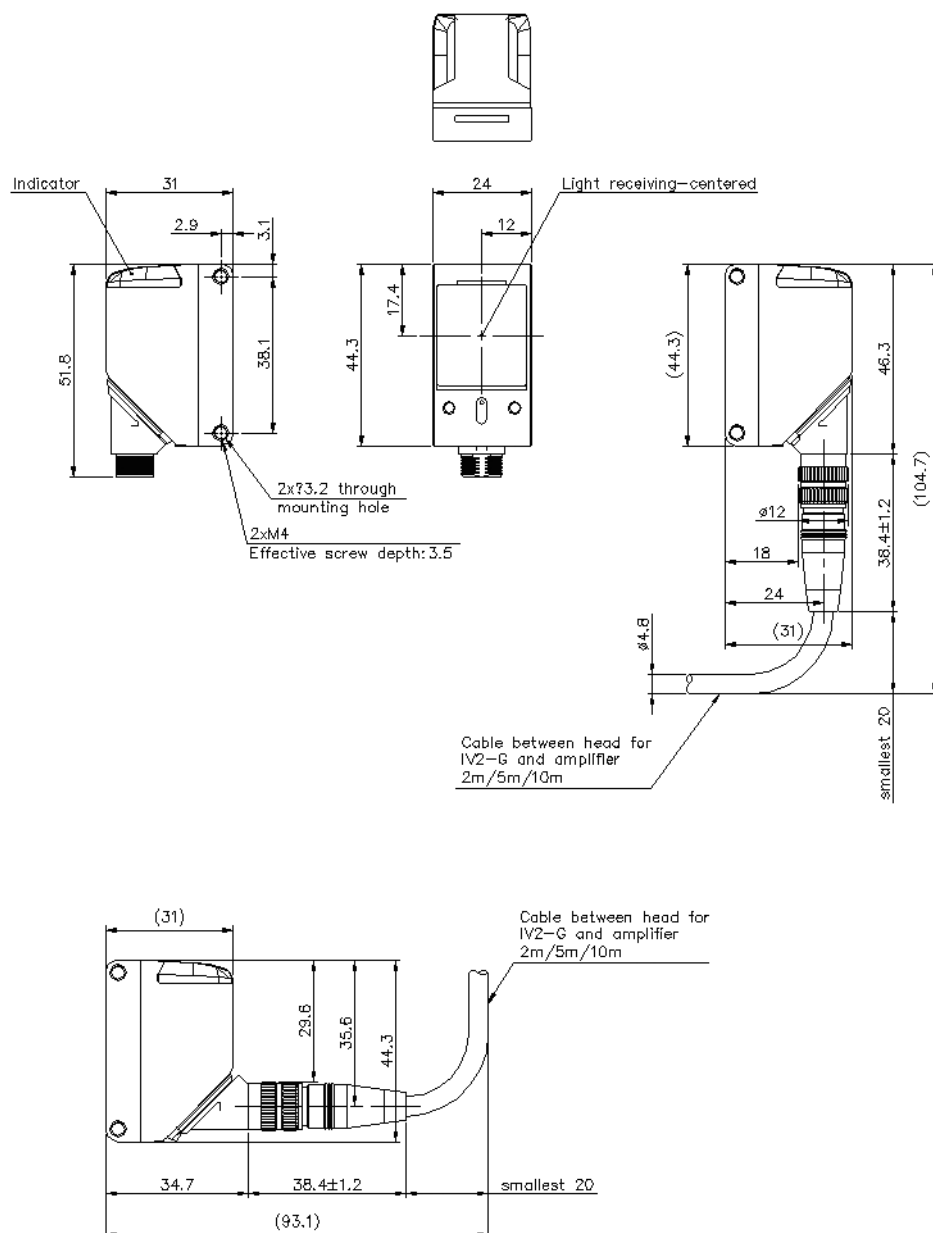
*2 Except when the polarized light filter attachment (OP-87899/OP-87900/OP-87901) or the magnifying lens attachment (OP-87902) is mounted.

*3 Except when the IV2 dome attachment (IV2-GD05/IV2-GD10) is mounted.

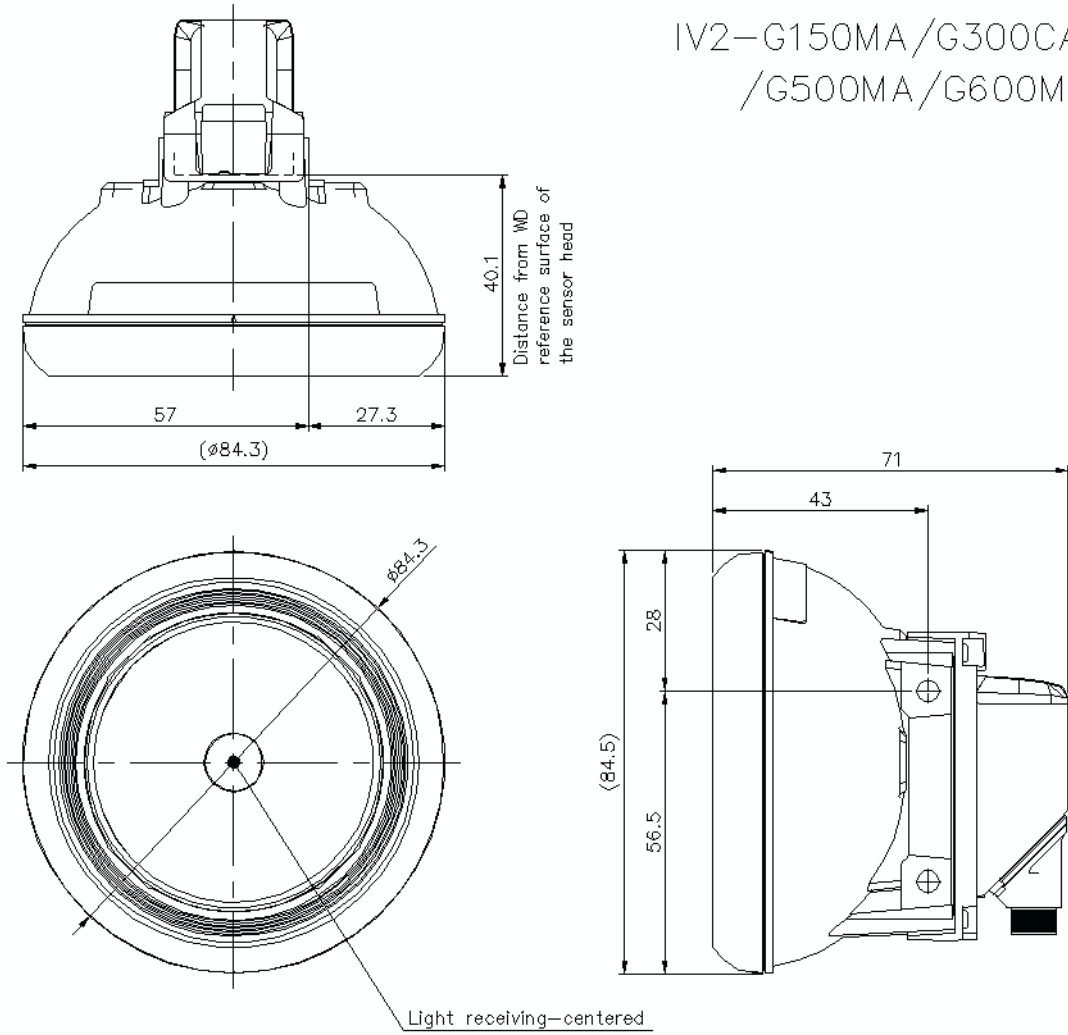
Dimensions

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

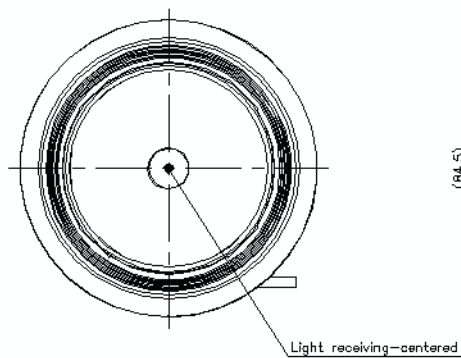
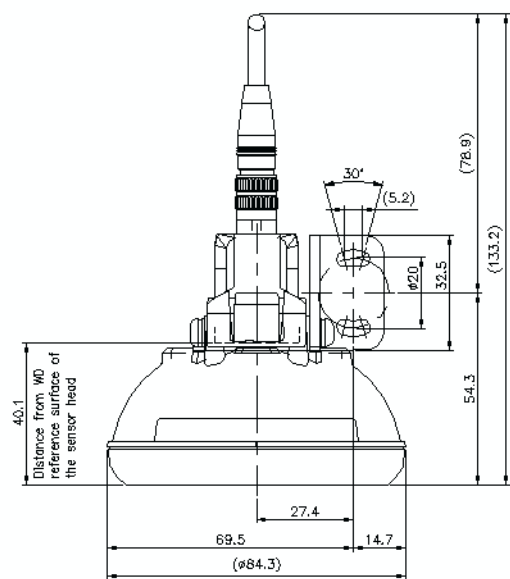
IV2-G150MA/G300CA/G500CA/G500MA/G600MA



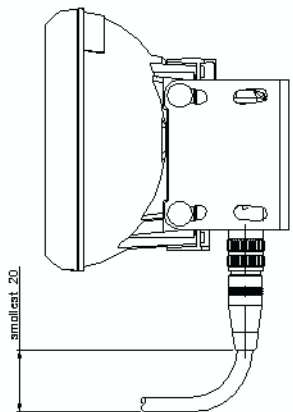
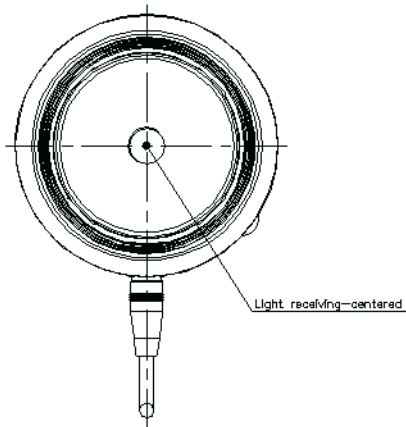
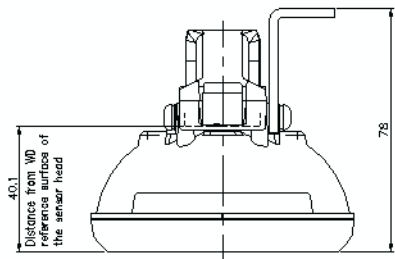
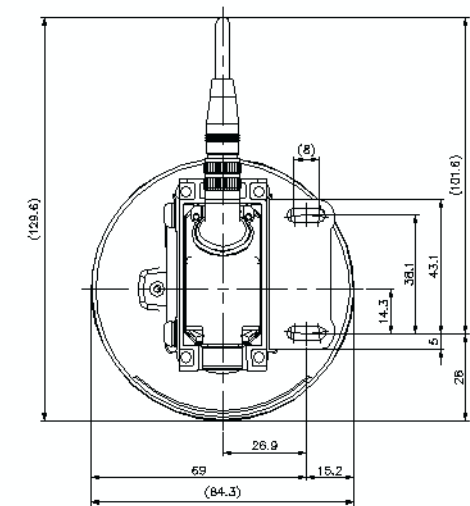
IV2-G150MA/G300CA/G500CA
/G500MA/G600MA/GD05

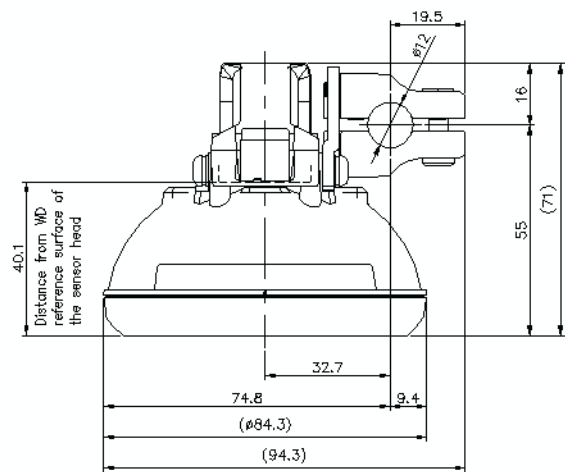


IV2-G150MA/G300CA/G500CA
/G500MA/G600MA/GD05/OP-87908



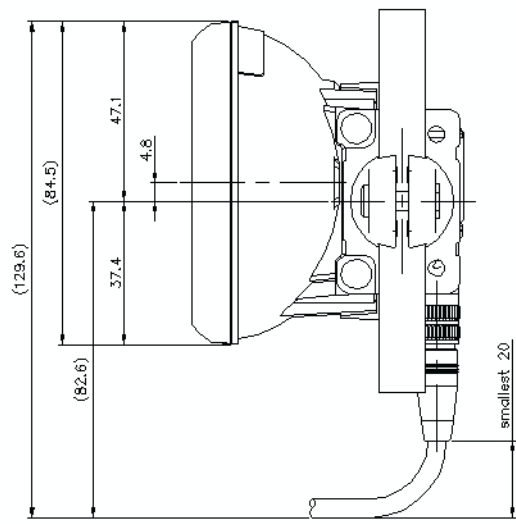
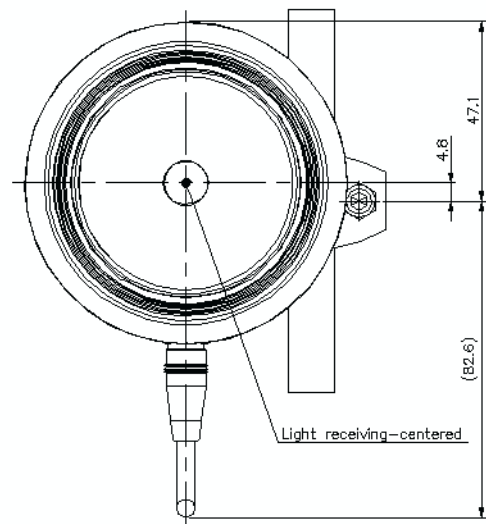
IV2-G150MA/G300CA/G500CA
/G500MA/G600MA/GD05/OP-87909



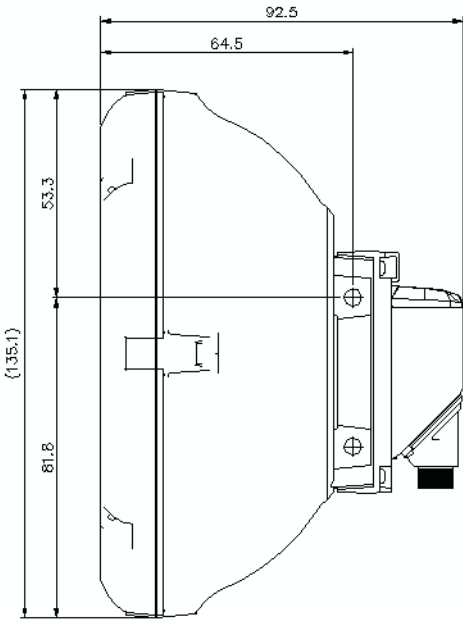
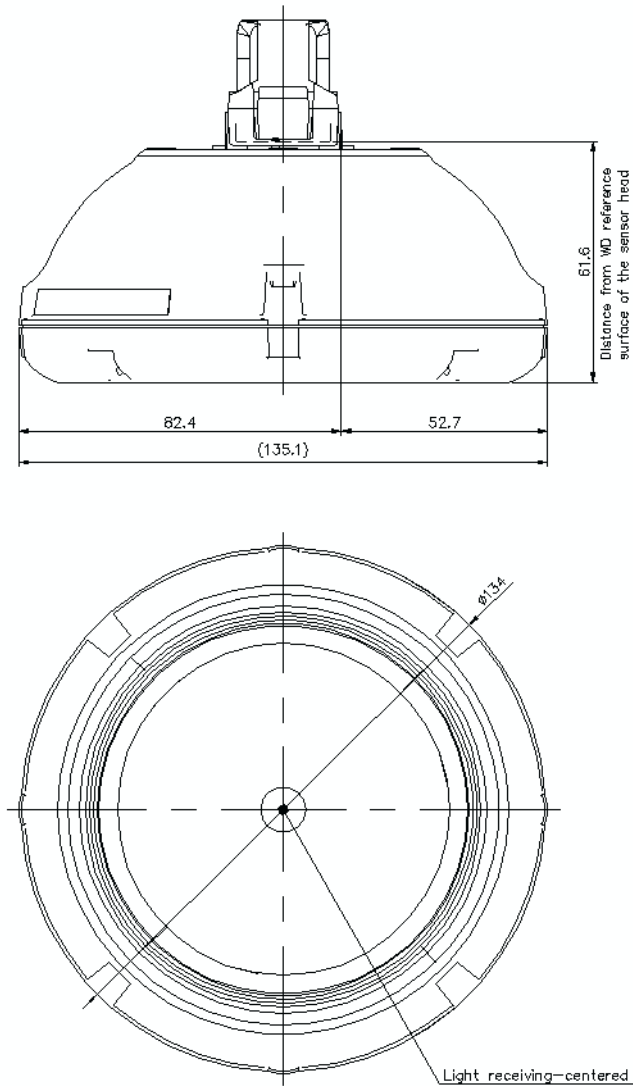


IV2-G150MA/G300CA/G500CA
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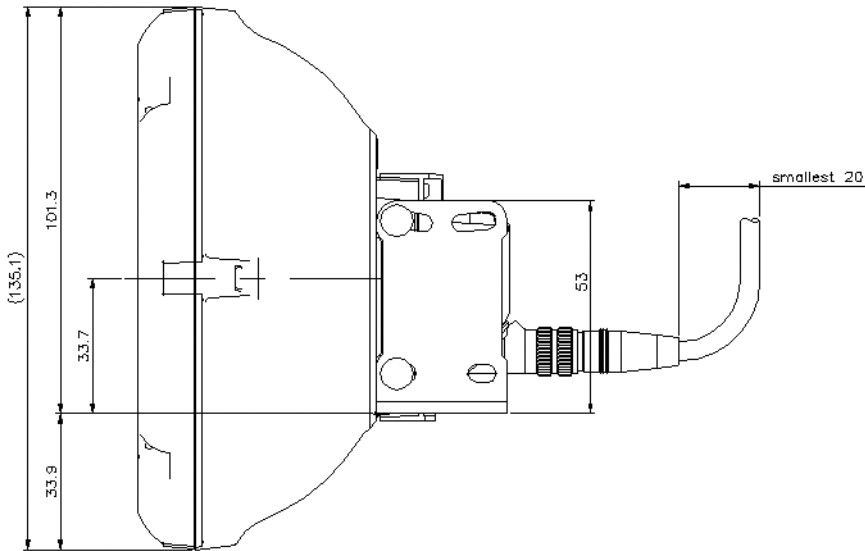
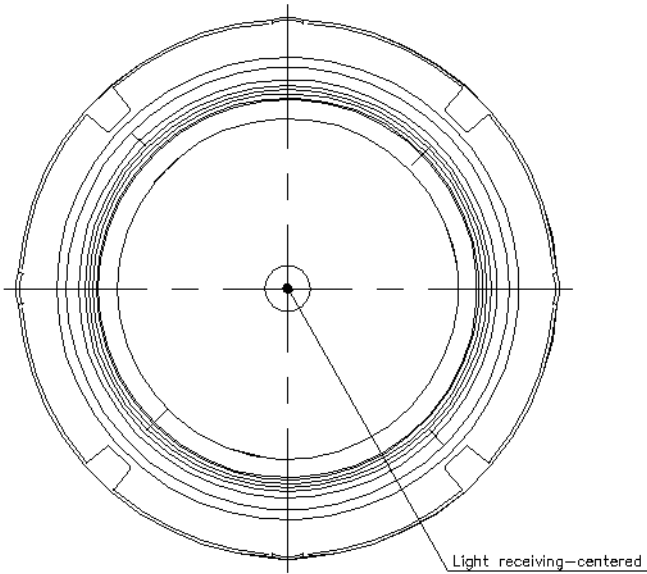
A support pipe of ø12 is not included
in OP-87910.



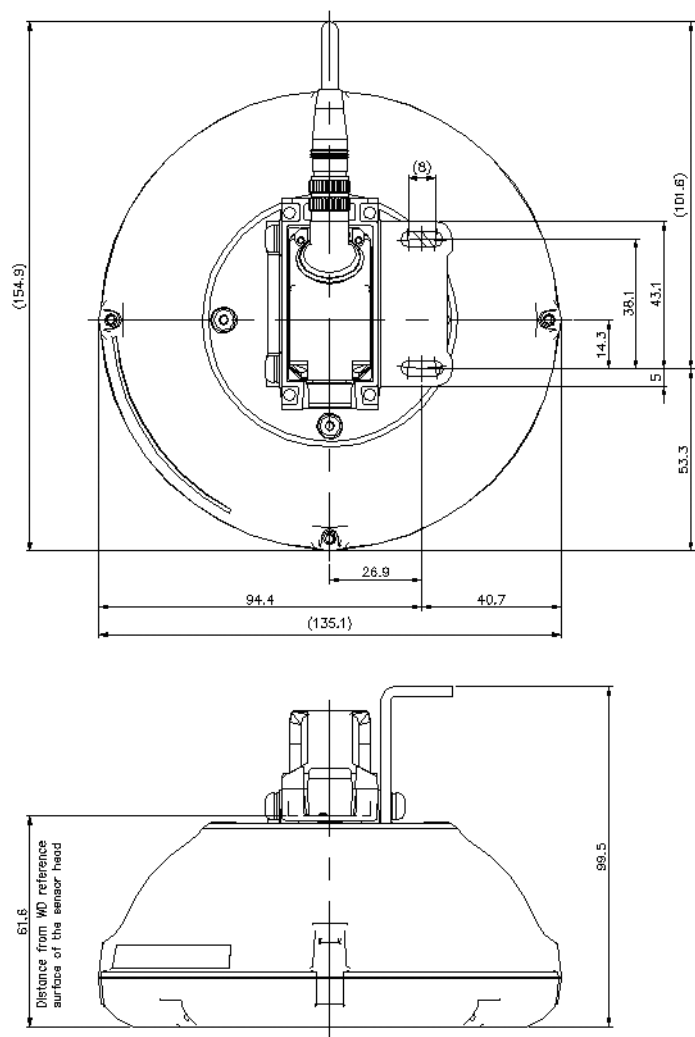
IV2-G150MA/G300CA/G500CA
/G500MA/G600MA/GD10

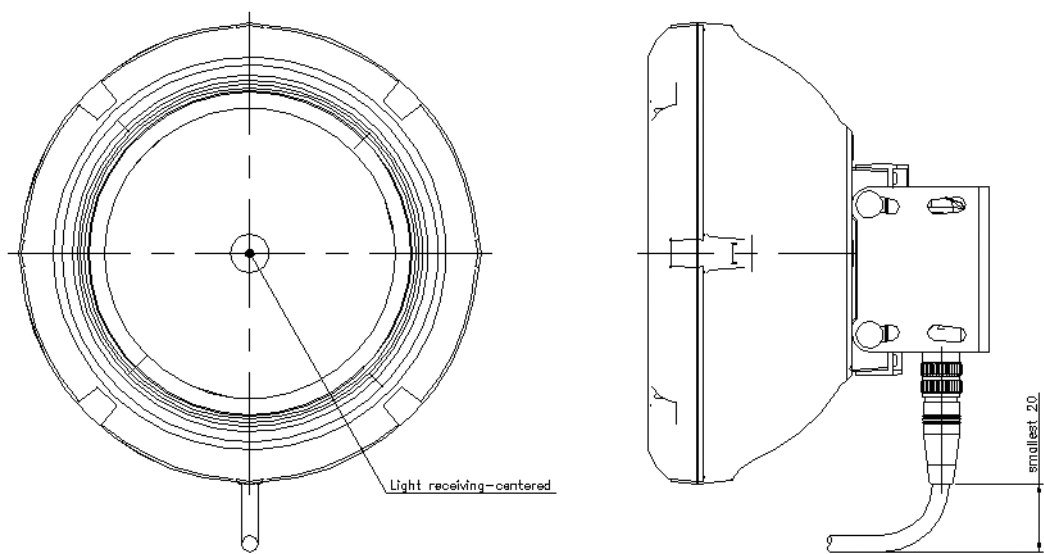


Technical drawing of the sensor head assembly. The drawing shows a cross-section of the assembly with various dimensions. The main body has a width of 94.9 mm (135.1 inches) and a height of 75.8 mm. The sensor head is mounted on top, with a total height of 154.7 mm (194.5 inches) from the base. The sensor head has a diameter of 20 mm (0.787 inches) and a height of 32.5 mm (1.279 inches). The sensor head is mounted on a base with a diameter of 20 mm (0.787 inches) and a height of 32.5 mm (1.279 inches). The sensor head is mounted on a base with a diameter of 20 mm (0.787 inches) and a height of 32.5 mm (1.279 inches). The sensor head is mounted on a base with a diameter of 20 mm (0.787 inches) and a height of 32.5 mm (1.279 inches).

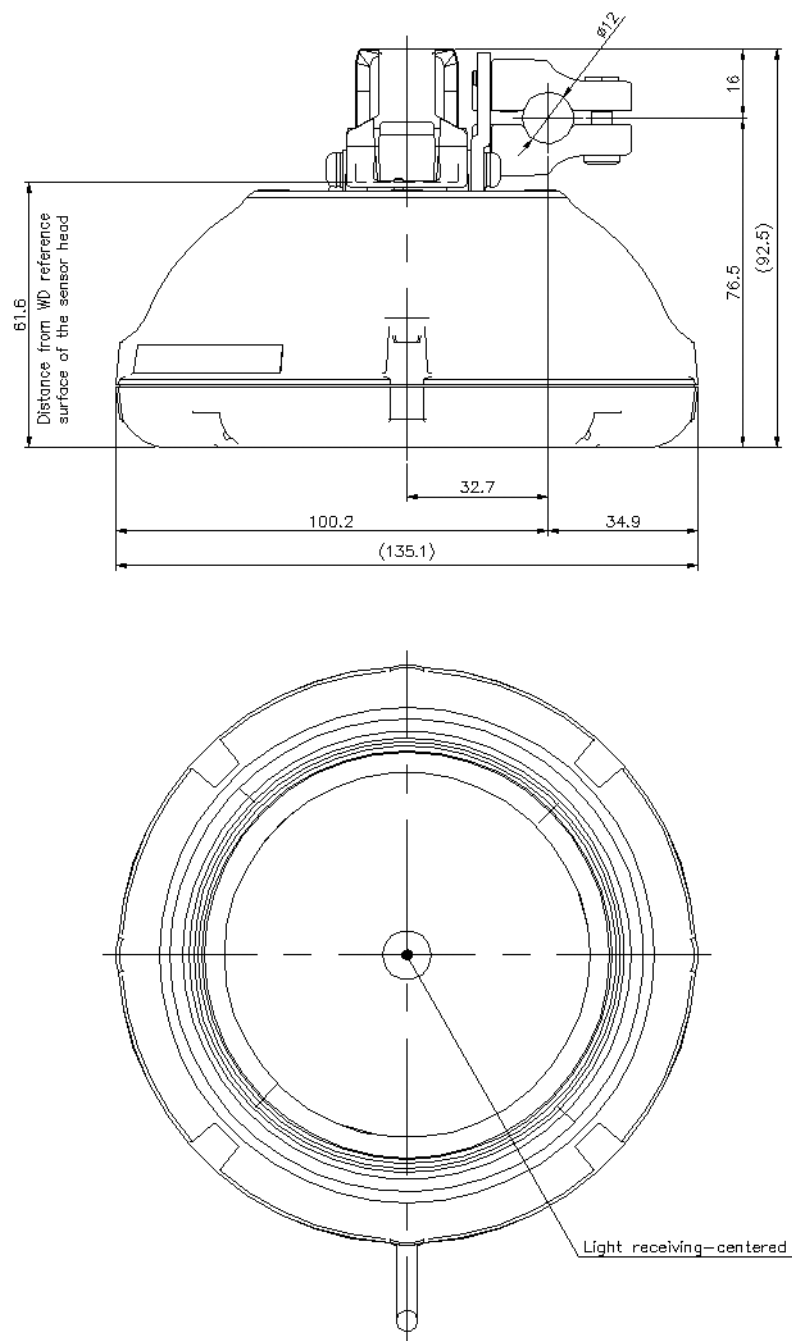


IV2-G150MA/G300CA/G500CA
/G500MA/G600MA/GD10/OP-87909

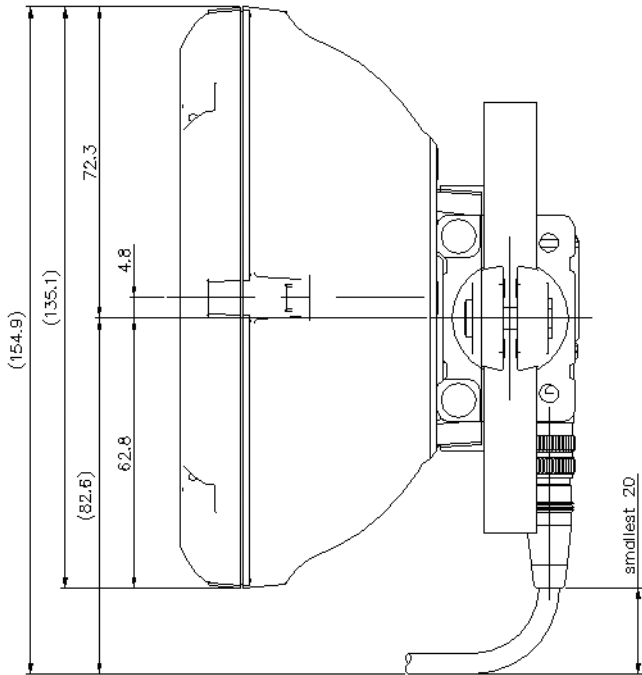




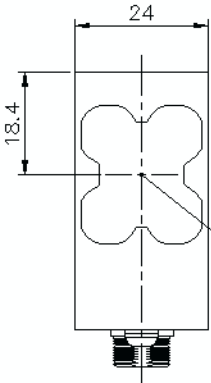
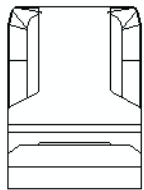
IV2-G150MA/G300CA/G500CA/G500MA/G600MA/GD10/OP-87910



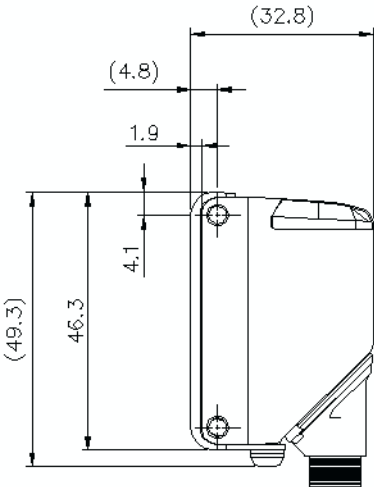
A support pipe of $\varnothing 12$ is not included in OP-87910.



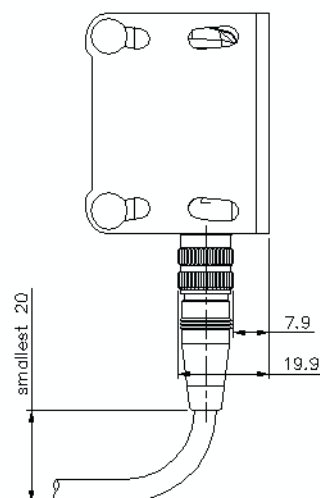
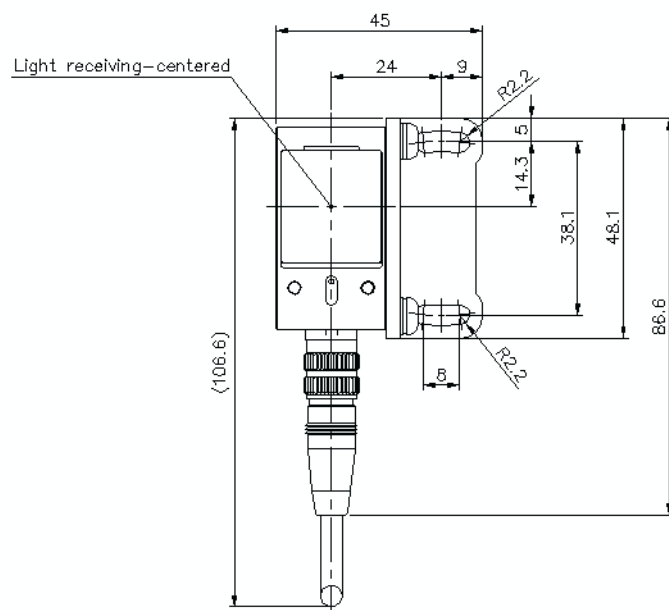
IV2-G150MA/G300CA/G500CA/G500MA
/G600MA/OP-87899/87900/87901



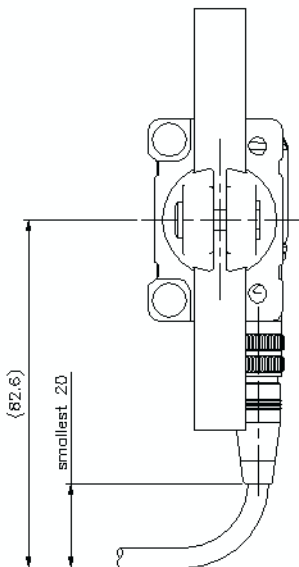
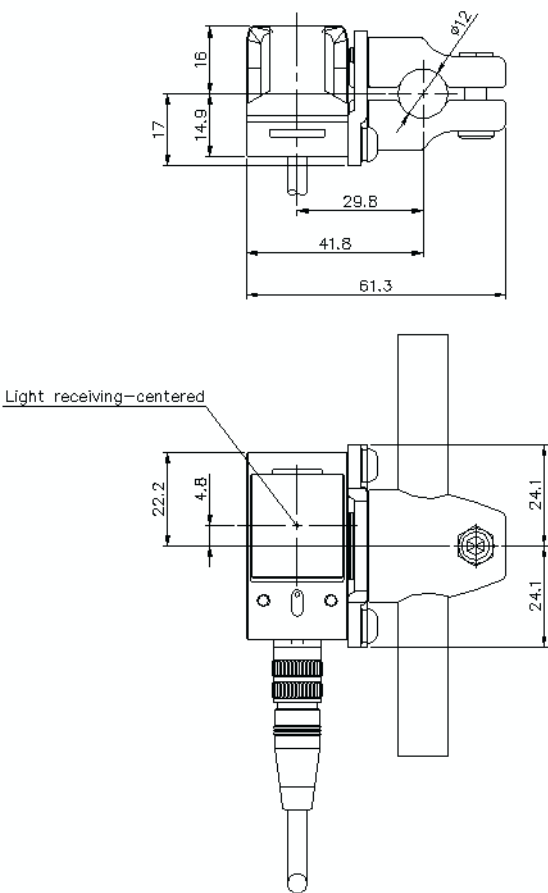
Light receiving-centered



/G500MA/G600M



IV2-G150MA/G300CA/G500CA
/G500MA/G600MA/OP-87910



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in OP-87910.