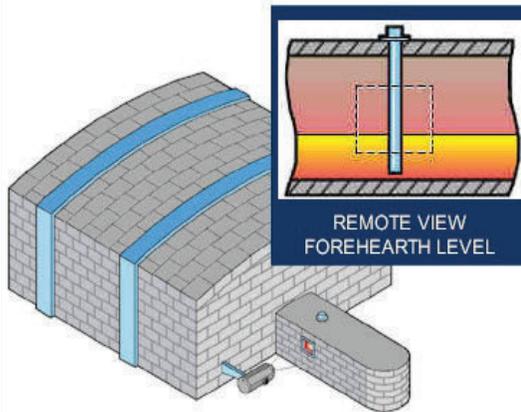


CANTY

PROCESS TECHNOLOGY

HIGHTEMP™ SURVEILLANCE CAMERA - MOLTEN GLASS LEVEL



APPLICATION INFORMATION

The Canty system consists of a high temperature Ethernet process camera and incorporates special software to reduce glare along with a unique orifice plate that eliminates any debris from adhering to the lens, offering a clear view of the molten level at all times. This new low cost, no-maintenance system replaces expensive traditional platinum dipper probe systems which tend to coat over in a matter of weeks as well as nuclear gauges and eliminates the need for stilling wells. Level measurements are made in real-time on a continuous basis, with a resolution of .002". CANTYVISIONCLIENT™ Software utilizes image based technology to continually track the edge. A cross hair is used to continually indicate the position of the edge and a numerical output is given. What's more, your results are visually verifiable on your local area network or localized computer! 4-20 mA current loop available.

ELECTRICAL

Illumination: Color - .1 lux typ. at F =1.4

Video Output: 1.0 V p-p, 75 ohm

Format: TCP/IP communication , Ethernet

Cabling: CAT 5e Ethernet cable, RJ-45 termination

Power Req.: User supplies 120 V AC (US models) or 240V AC (European models)
Canty supplies transformer to 12 V power

Supply: Available in unrated or weather proof

Iris: Electronic auto iris/ shutter speed.

MECHANICAL

Size: See dimensional info drawing.

Weight: Approximately 10 lbs.

Mounting: ¼ - 20 UNC - 2B connection, 3X in mounting block on housing. Optional heavy duty mounting bracket P/N VD4912-78 available. Reference spec. sheet VD4912-78 for details.

Ratings: Available in NEMA 4, IP66,

Temperature: 0°F to 200°F ambient typical.

CANTY JM Canty Inc | Buffalo, NY USA
JM Canty Intl Ltd | Dublin, Ireland

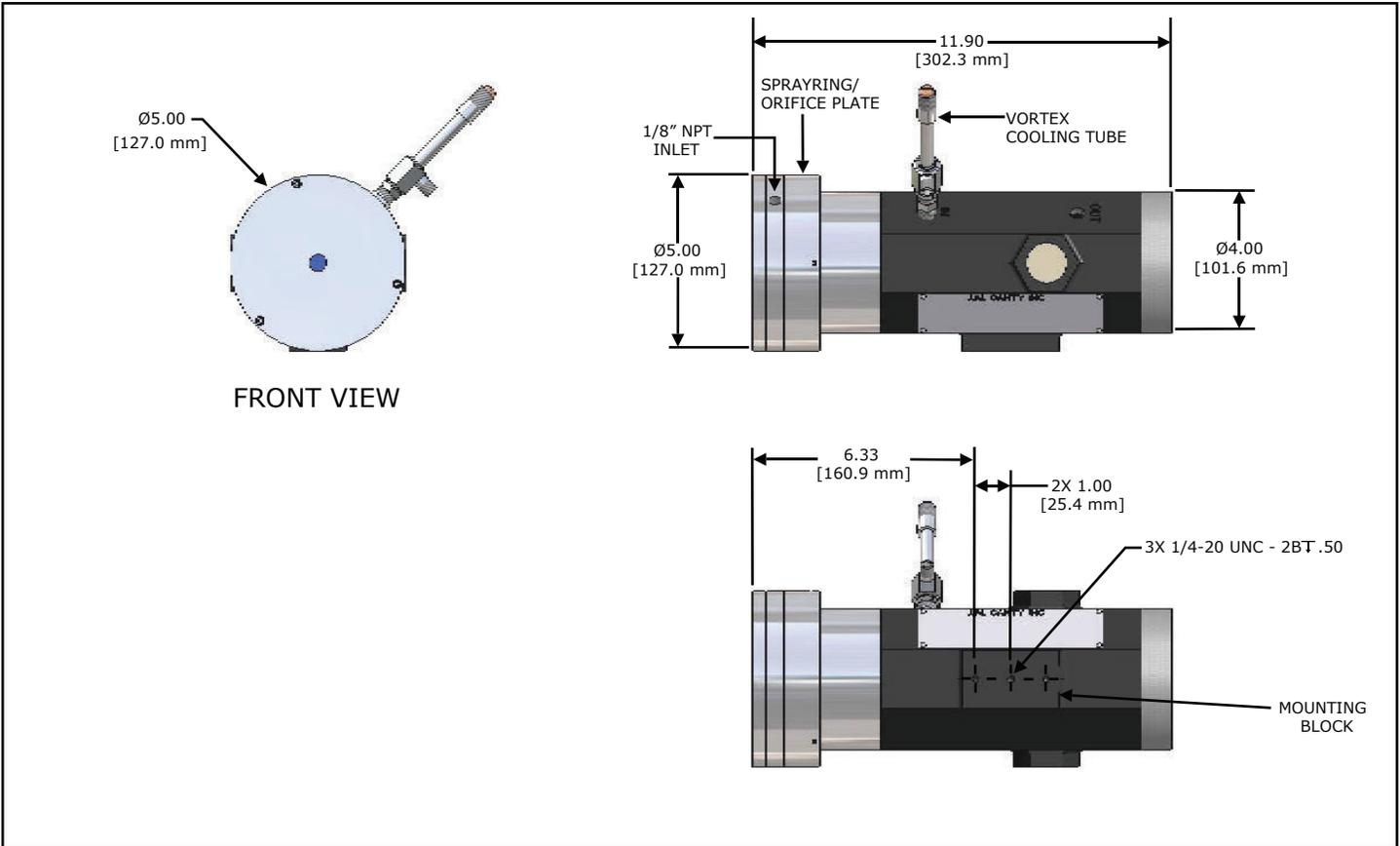
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Document P/N: TA10259-1 Rev. 4

DIMENSIONAL INFORMATION

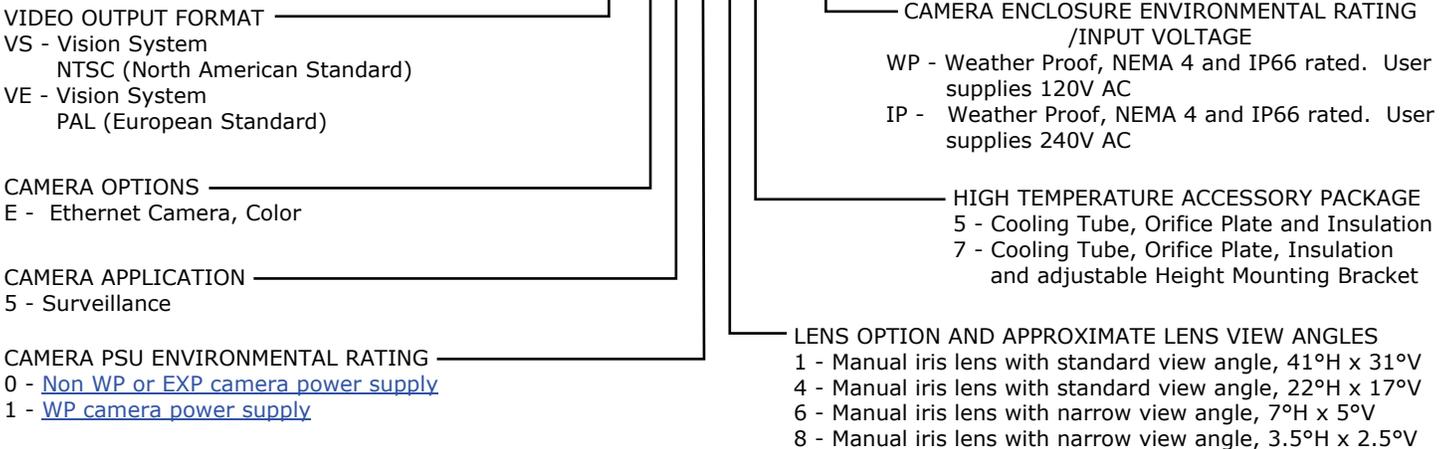


* Please Note That The External Camera Insulation Is Included But Not Shown Above

The model designated below is used in most of the applications for glass level, additional options
HOW TO ORDER: Select the appropriate symbols and build a part number as shown:

EXAMPLE:

VSE5065-WP



Reference spec. sheet VD4912-78 for optional mounting bracket details.

* 4-20mA output available by selecting module from data sheet TA9688-1 Ethernet Current Loop Output Options. Sold Separately.

CANTY	JM Canty Inc JM Canty Intl Ltd	Buffalo, NY USA Dublin, Ireland	Ph: (716) 625 4227 Ph: + 353 (01) 882 9621	Fax: (716) 625 4228 Fax: +353 (01) 882 9622
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