

CANTY

PROCESS TECHNOLOGY

FLEXVIEW™ SIGHT GLASS/LIGHTING SYSTEMS



FEATURES OF FLEXVIEW SIGHT GLASS/LIGHTING SYSTEMS

- Flexible fiber optic light bundle provides a high intensity output.
- NEMA 4, IP66, Explosion proof (Class I, Div. 1, Group B, C & D, Class II, Div. 1, Groups E, F & G) or Flameproof EEx d IIC T6 Ratings.
- Fused Glass Seal Provides a Safe, Reliable, Hermetic Seal.
- Various models feature FM, CSA, U.S. Navy, Coast Guard, Lloyds, ABS, DNV and approval to ATEX directives.
- Canty Lights Provide the Maximum Illumination Possible.
- Cool Light Output; There is No Product Bake On.

THE CANTY ADVANTAGE

Canty fiber optic lighting systems have been designed to provide efficient, high output tungsten-halogen light in a cost effective package. Conventional methods of lighting through a sight glass are ineffective since a majority of the light is reflected off the sight glass. Canty uses only high quality, flexible fiber optic light pipes to fiber-optically guide the light from our light source through a sight glass or process connection. The light is elliptically focused into the fiber optic light pipe and guided through the sight glass minimizing losses while maximizing your tank or vessel lighting!

SPECIFICATIONS

Fiber Optic Bundle

Construction: Multi-fiber Glass Bundle
Exterior: Crush Resistant Outer Tubing
Termination: Stainless Steel, .75" diameter
Configuration: Single, two or three leg bundles are available.

Lighting Systems

- 80W, 50W lights are available to cover all your process requirements.
- Weather proof, IP66 models available.
- Explosion and flame proof models.
- Various models are FM approved, CSA approved and approved to ATEX directives.
- Canty offers a variety of power supplies to best suit the needs of your application.

LIGHTING PACKAGES

Our flexible bundle lighting systems are available with a variety of high quality Canty lights and process connections. We offer both weather proof and explosion proof / flame proof lights with a variety of power supply options and mounting connections to meet all your process needs.

Our flexible bundle lighting systems are designed to work with any sight glass, whether it's your existing sight glass or a Canty safety Fuseview™ sight glass. We offer many standard sight glass mounting connections to easily illuminate one, two or three sight glasses using only one Canty light. NPT, Tri-Clamp® and flanged connections are available in a variety of sizes and materials

MOUNTING CONNECTIONS

- Sight glass mount-universal mounting bracket is designed to function with any flange mounted sight glass. Standard brackets are constructed of Aluminum or Stainless Steel.
- Flanged mounting connection- available in ANSI or DIN sizes with CS, SS, Hastelloy® or glass wetted materials.
- Tri-Clamp® - sanitary vessel connection. Ideal for pharmaceutical or food grade applications.

CANTY JM Canty Inc | Buffalo, NY USA |
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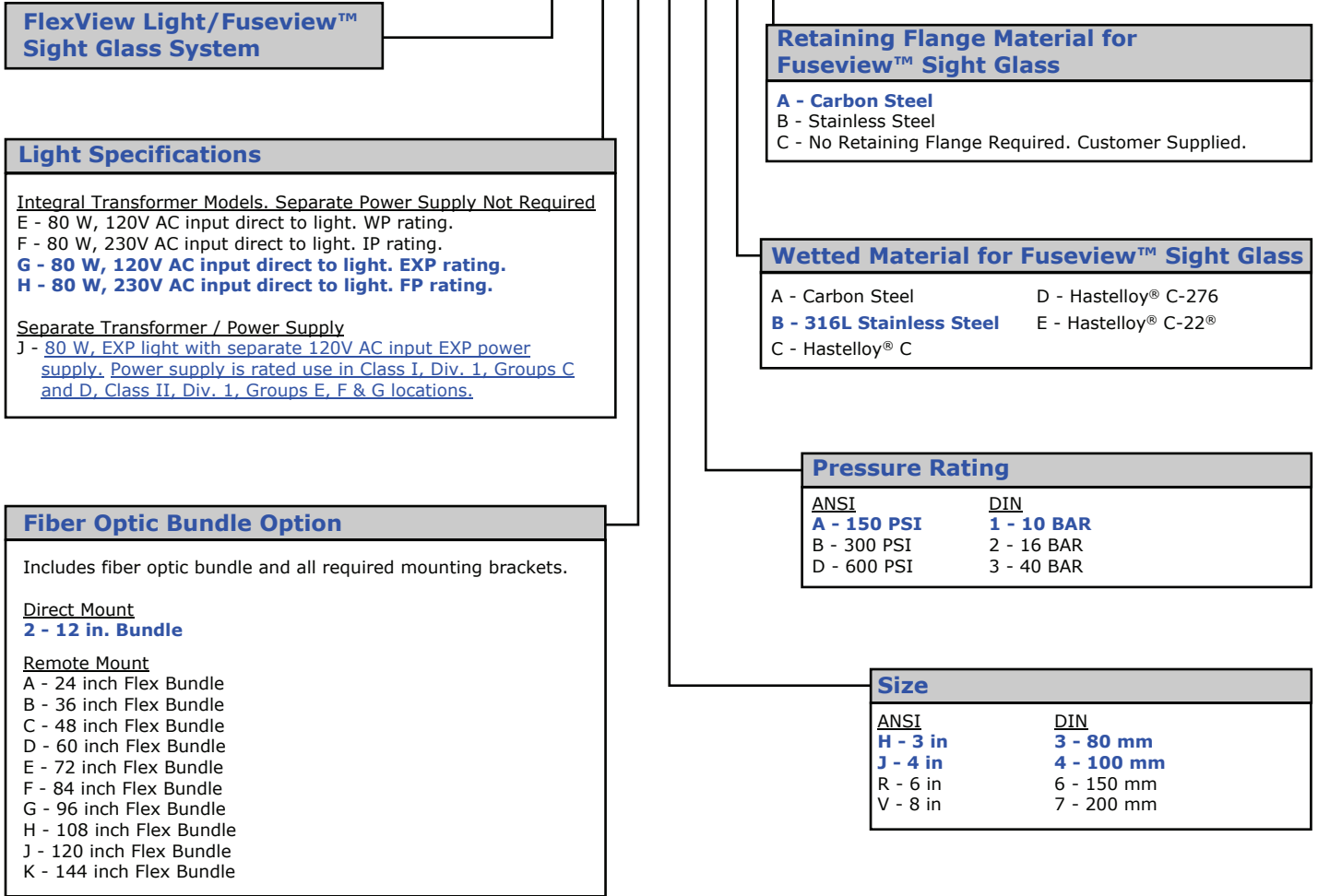
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Ordering Information

HOW TO ORDER: Select the appropriate symbols and build a part number as shown.
 Recommended options are listed in bold.

EXAMPLE:

FVG2HABA



FlexView Light/Fuseview™ Sight Glass System

Light Specifications

Integral Transformer Models. Separate Power Supply Not Required
 E - 80 W, 120V AC input direct to light. WP rating.
 F - 80 W, 230V AC input direct to light. IP rating.
G - 80 W, 120V AC input direct to light. EXP rating.
H - 80 W, 230V AC input direct to light. FP rating.

Separate Transformer / Power Supply
 J - 80 W, EXP light with separate 120V AC input EXP power supply. Power supply is rated use in Class I, Div. 1, Groups C and D, Class II, Div. 1, Groups E, F & G locations.

Retaining Flange Material for Fuseview™ Sight Glass

A - Carbon Steel
 B - Stainless Steel
 C - No Retaining Flange Required. Customer Supplied.

Wetted Material for Fuseview™ Sight Glass

A - Carbon Steel D - Hastelloy® C-276
B - 316L Stainless Steel E - Hastelloy® C-22®
 C - Hastelloy® C

Fiber Optic Bundle Option

Includes fiber optic bundle and all required mounting brackets.

Direct Mount
2 - 12 in. Bundle

Remote Mount
 A - 24 inch Flex Bundle
 B - 36 inch Flex Bundle
 C - 48 inch Flex Bundle
 D - 60 inch Flex Bundle
 E - 72 inch Flex Bundle
 F - 84 inch Flex Bundle
 G - 96 inch Flex Bundle
 H - 108 inch Flex Bundle
 J - 120 inch Flex Bundle
 K - 144 inch Flex Bundle

Pressure Rating

ANSI	DIN
A - 150 PSI	1 - 10 BAR
B - 300 PSI	2 - 16 BAR
D - 600 PSI	3 - 40 BAR

Size

ANSI	DIN
H - 3 in	3 - 80 mm
J - 4 in	4 - 100 mm
R - 6 in	6 - 150 mm
V - 8 in	7 - 200 mm

WP = Weather Proof
 EXP = Explosion Proof
 FP = Flame Proof
 IP = Ingress Protection

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