



CHEM MM LUX[®]

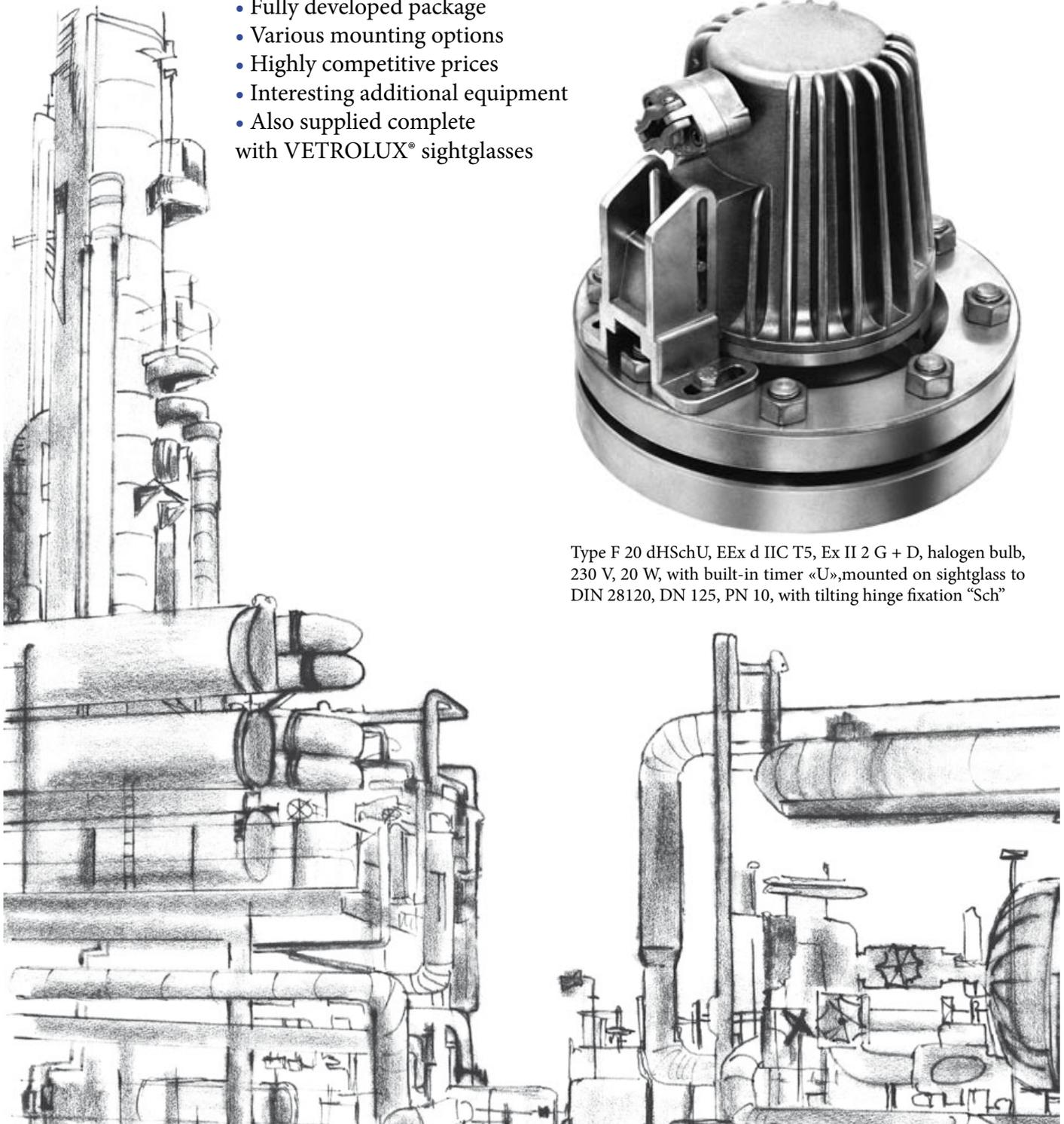
Sightglass light fitting type: F20dH

The ideal solution for your lighting problems
in hazardous areas

- Fully developed package
- Various mounting options
- Highly competitive prices
- Interesting additional equipment
- Also supplied complete with VETROLUX[®] sightglasses

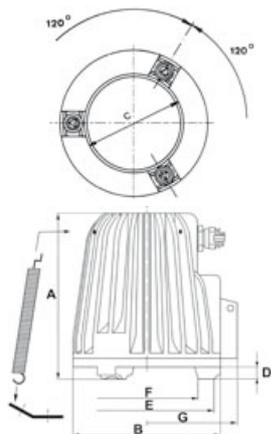


Type F 20 dHSchU, EEx d IIC T5, Ex II 2 G + D, halogen bulb, 230 V, 20 W, with built-in timer «U», mounted on sightglass to DIN 28120, DN 125, PN 10, with tilting hinge fixation "Sch"



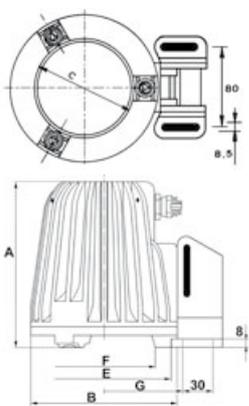


Tension spring fixation "Z"



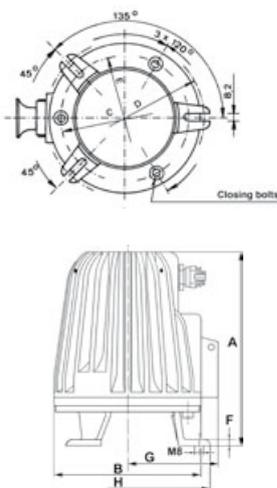
A	B	C	D	E	F	G	H
170	150	95	11	140	115	91	-

Tilting hinge fixation "Sch"



A	B	C	D	E	F	G	H
170	150	95	-	140	115	78	-

Footring fixation "N"



A	B	C	D	E	F	G	H
205	150	120	155	-	6	91	165

Condition of services:

- The light fitting F 20 dH is mounted completely independent of the vessel internal pressure or vacuum. Models fitted with built-in timer "U" should not be exposed to conditions where the temperature of the upper sightglass flange would be in excess of 100 °C. Admitted for use in hazardous areas in the groups G (zones 1 and 2) and D (zones 21 and 22).

Construction and materials:

- The housing and fixations "Sch" and "N" are made from corrosion resistant cast aluminium alloy (Anticorodal). On request, light fittings may be painted with a two component acrylic based paint finish "K". Cable gland 1/2" NPT. When timer "U" is fitted, a standard operating time of 3 minutes is preprogrammed at our works, other time periods may be specified at the time of ordering. Reflector-bulb-unit, according to your needs to produce a wide ("flood" version) or a concentrated ("spot" version) beam of light. Standard version: "spot".

Electrical data:

- Supply: AC
- Terminal voltage: 24 / 36 / 42 / 115 / 230 / 240 V
- Nominal rating: 20 W
- Reflector-bulb: Halogen
- Bulb socket: BA 15 d (T5) / G4 (T6)

Technical data:

- Weight: 3,15 Kg
- Enclosure protection degree: IP 65, dust and spray water tight
- Temperature class: T5 (T6 on demand)
- Explosion group: IIC
- Ignition protection type to DIN EN 50014/50018: EEx d
- ATEX: ExII 2 G+D, T95 °C (T80 °C in version T6)

The following table shows the mounting possibilities of the light fitting F 20 dH on sightglasses to or similar to DIN 28120 / 28121:

Nominal diameter (DN)	50		80		100		125		150		200	
Sightglass to DIN 28120 (A)	A		A		A		A		A		A	
Sightglass to DIN 28121 (B)		B		B		B		B		B		B
Fixation												
... N	•	•	•	•	•	•						
... Z					•	•	•	•				
... Sch					•	•	•	•	•	•		

Additional equipment



G Vibration absorbers (silent blocks)

Vibrations from the surrounding plant can have a deleterious effect on the lifetime even of halogen bulbs. Vibration absorbers made from chemically and thermally resistant silicone are offered for use with the tension spring fixation ...Z.



U Timer

The timer for remote operation ...U saves energy and increases the lifetime of the bulb by limiting operation to approximately 3 minutes. (Please refer to our leaflet "switches, push-buttons and timers").

Do you wish for more information about our wide range of light fittings for use in hazardous or safe areas, about our range of circular sightglasses to DIN 28120/28121, screwed sightglasses similar to DIN 11851, rectangular or D-ended sightglasses, pipeline flow indicators, sideways or centrally operated wipers, hinged sightglasses, spraying devices or our complete sight and lightglass units VETROLUX? Are you interested in other types, special versions or different protection degrees? If yes, please contact us – it is our business! You will find the necessary indications about our company on the Internet.

1) All dimensions in mm.
2) Subject to changes without preliminary notice.