EXPLOSION-PROOF CAMERA HOUSING

SYE801

PRODUCT FEATURES

Explosion-proof mark: ExdIICT6/DIP A20 TA, T6

Applicable to Zone 0 and flammable dust atmosphere

316L 304 stainless steel and carbon steel optional

Polished finish appearance (plastic-spraying after carbon steel DACROMET is used), corrosion-proof treated internal parts

3Optional sunshield, wiper, defroster for lens and heating capability

Indoor / Outdoor applications

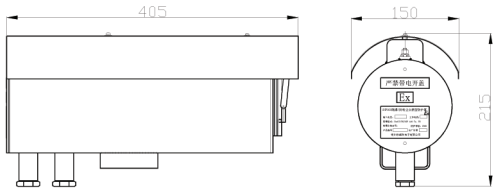
Design and manufacture on National GB3836-2000, GB12476.1-2000 basis

In accordance with IP68

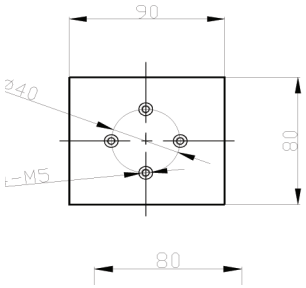
Unit weight 10kg/6kg/4kg

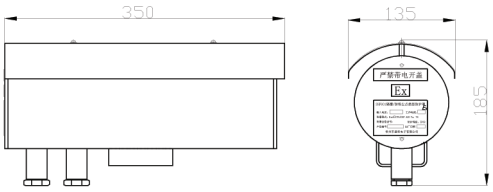
Heater works automatically to keep proper temperature of inside of the housing by built-in sensor

OUTLINE DIMENSION AND INSTALLATION DRAWING



SYE800





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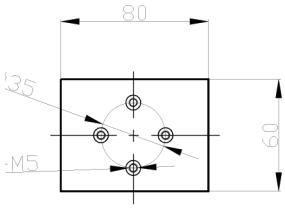

TECHNICAL DATA

Model	SYE800	SYE801
Certification Parameter		
Manufacturers Standard	GB3836-2000, GB12476.1-2000	
Configuration Mode	front and rear caps with threaded flameproof joints	
Explosion-proof Mark	Exd II CT6 / DIP A20 TA,T6	
IP	IP68	
Operating Temperature	-25ºC - 60ºC	
Cable Entries	2 x G1/2” Explosion-proof cable entries, Dia. of inner hole ϕ12	
Mechanical Features		
Material	Carbon steel / Stainless steel (304/316L)	
Wiper	Inside	No
Sight Glass Dimensions	ϕ 75 mm	ϕ 67 mm
Outside Dimensions	405×165×215	350×150×165
Inside Dimensions	ϕ 125×330 mm	ϕ 112×300 mm
Weight	10 Kg	6 Kg
Built-in Decoder		
Controlling Device	AVR singlechip with RSIC kernel	NO
Controlling Device	Switch Signal	
Voltage	12VDC	
Current	300 A	
Voltage	12VDC/24VDC/220VAC	12VDC/24VDC/220VAC
Current	1 A/ 0.5 A / 0.1 A	1 A / 0.5 A / 0.1 A
Others		
Sunshield	Fitted as standard	
Optional	Power supply module, Inner heating	
Cable requirement	Power supply: 2X1.0 mm^2 (24V DC) / 2×0.75 mm^2 (220V AC) Communication: Shield 2X0.75 mm^2 Video: 75 Ω	