



Ex II 2 G Ex mb II T6 -40°C<Ta<35°C.
Ex II 2 G Ex mb II T5 -40°C<Ta<50°C.
Ex II 2 G Ex mb II T4 -40°C<Ta<75°C.



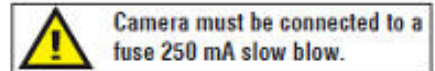
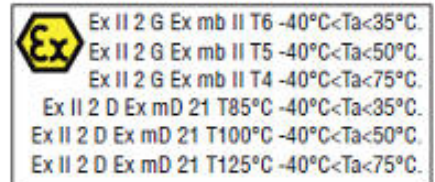
Ex II 2 D Ex mD 21 T85°C -40°C<Ta<35°C.
Ex II 2 D Ex mD 21 T100°C -40°C<Ta<50°C.
Ex II 2 D Ex mD 21 T125°C -40°C<Ta<75°C.

Compact Camera CCC *° Ex-M (Explosionproof)

Technical Specifications

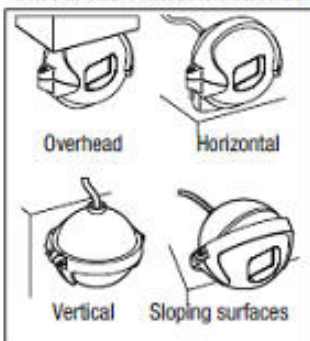
Compact Camera CCC *° Ex-M (Explosionproof)

Article number PAL	0181100	0181110	0181120	0181130	0181140	0181150	0181160
Article number NTSC	0181200	0181210	0181220	0181230	0181240	0181250	0181260
Description	CCC Ex 95°	CCC Ex 81°	CCC Ex 70°	CCC Ex 52°	CCC Ex 44°	CCC Ex 33°	CCC Ex 15°
Horizontal angle	95°	81°	70°	52°	44°	33°	15°
Vertical angle	71°	...	53°	39°	...	25°	11°
CCD	1/4 inch CCD Image sensor.						
CCD total pixels	PAL: 795(H) x 596(V), NTSC: 811(H) x 508(V).						
Minimum illumination	1,5 Lux (F1.2, 5600°K).						
Resolution	470 TVL / 580 TVL (Enhanced).						
S/N ratio	52dB (MIN) / 60dB (TYP) (AGC OFF).						
A. E. S.	1/50~1/100,000 sec.						
Video output	1,0V p-p composite video at 75 Ohm.						
Gamma correction	0,45						
Gain control	AGC						
White balance mode	ATW / AWC Switchable.						
White balance range	3200 ~ 10000 °K.						
Mirror function	REV. / NOR. Switchable via orange wire connected to 12V/DC +/- 3V.						
Shock constancy	Shock and vibration resistant for usage on offshore platform.						
Weight	0,44 kg, without cable.						
Lensglass	Chemically hardened, toughened, tempered floatglass, 5 to 7 times stronger than ordinary glass.						
Housing	Stainless steel 316L, IP68.						
Camera bracket	Camera bracket is made of glass reinforced polyamide, survives torque test: 50 Nm at -40°C...+85°C.						
Ambient temperature	T4:-40°C<+75°C, T5:-40°C<+50°C, T6:-40°C<+35°C.						
Cable	Art. no 1220110, metric marker. 5,0 meters (+/-0,1m), the cable shall be fixed mounted.						
Approvals	EN 60079-0:2006, EN 60079-18:2004, EN 61241-0:2006, EN 61241-18:2004. IEC 60079-0:2004, IEC 60079-18:2004, IEC 61241-0:2004, IEC 61241-18:2004.						
Power	+12V/DC +/- 15%, consumption 250mA heating on, 85mA heating off. Camera must be connected to a fuse 250 mA slow blow. The breaking capacity of the fuse must be in accordance with the prospective short circuit current of the supply.						
Protection	Automatic shutdown <11,1V/DC and >16,1V/DC Protection against extreme voltage 28V/DC (500 hrs.) With Ferrite T filter protection against spikes, load-dumps, ripples.						
Notes:	Electrical connections shall only be done by qualified Ex engineers following the latest ATEX regulations. us accepts no liability for mistakes, faults or damages due to wrong voltage connection. Zenerbarriers and fuses are not included, should be applied by installer.						

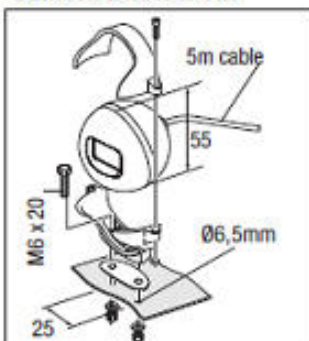


Installation

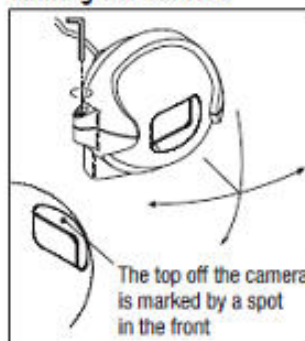
Universal camera bracket



Camera attachment

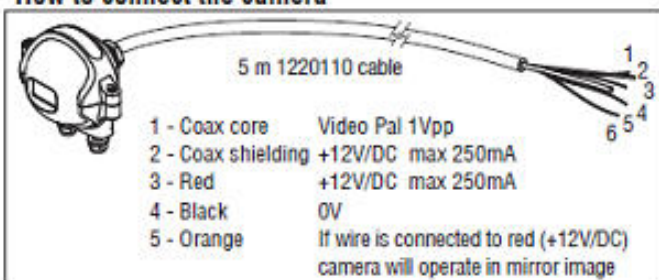


Aiming the camera

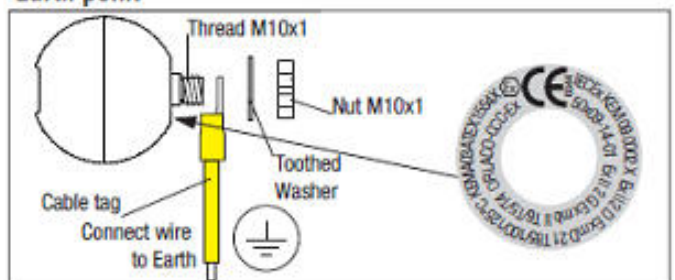


The free end of the permanently connected, unterminated cable is to be connected in an appropriate way, e.g. in a suitable Ex e or Ex d junction box.

How to connect the camera



Earth point



Photos non contractuelles Les spécifications sont données à titre indicatif ; elles sont susceptibles d'être modifiées sans préavis.

Toutes les marques citées sont déposées par leurs propriétaires respectifs.
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