

Analogue camera for mobile machines

O2MXOOKG/A1/GM/78/M



Product characteristics

Image resolution	[px]	680 x 480
Angle of aperture	[°]	78

Application

Special feature	Screened cable
Application	Integrated mirror function

Electrical data

Operating voltage	[V]	8...32 DC
Current consumption	[mA]	< 150; (incl. lens heating)
Overvoltage protection		yes

O2M201



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Image sensor		¼" 4:3 VGA CMOS image sensor Color			
Switch-on peak current [mA]		700; (t = 2 ms)			
Outputs					
Video output		PAL (25 fps interlace) 720H x 576V (640 x 480), 1 Vtt / 75 Ω			
Detection zone					
Field of view size [mm]	Operating distance	field of view			
	1000	1500 x 1100			
	2000	3000 x 3200			
	5000	7500 x 5500			
Image resolution [px]	680 x 480				
Angle of aperture cylindrical [°]	78				
Angle of aperture [°]	78				
Operating conditions					
Ambient temperature [°C]	-40...85				
Storage temperature [°C]	-40...125				
Protection	IP 68; IP 69K; (max. 10 m water depth / max. 30 min (ISO 20653): IP 68; (ISO 20653): IP 69K)				
Tests / approvals					
EMC	DIN EN 61000-6-4		industrial environments		
	DIN EN 61000-6-2		industrial environments		
	UN-ECE R10				
Shock resistance			50 g		
Vibration resistance	Frequency range 24...2000 Hz		(15.3 x 9.81 m/s²)rms		
	PSD (g²/Hz)		0.04...0.1		
Salt spray test	IEC 60068-5-52				
Mechanical data					
Weight [g]	313				
Dimensions [mm]	Ø 55.5 / L = 51.3				
Materials	housing: aluminium black anodised; front pane: float glass chemically hardened				
Accessories					
Items supplied	mounting clamp:, E2M210				
	screws: 2 x M6 x 20				
	washers				
	Nuts: 2 x M6, self-locking				
Remarks					
Pack quantity	1 pcs.				

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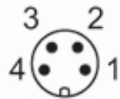
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Electrical connection

Cable: 0.5 m

Connector: 1 x M16; coding: A; Shielded connection cable: true



1	coax cable core video signal
2	coax screen video GND
3	U+
4	0 V