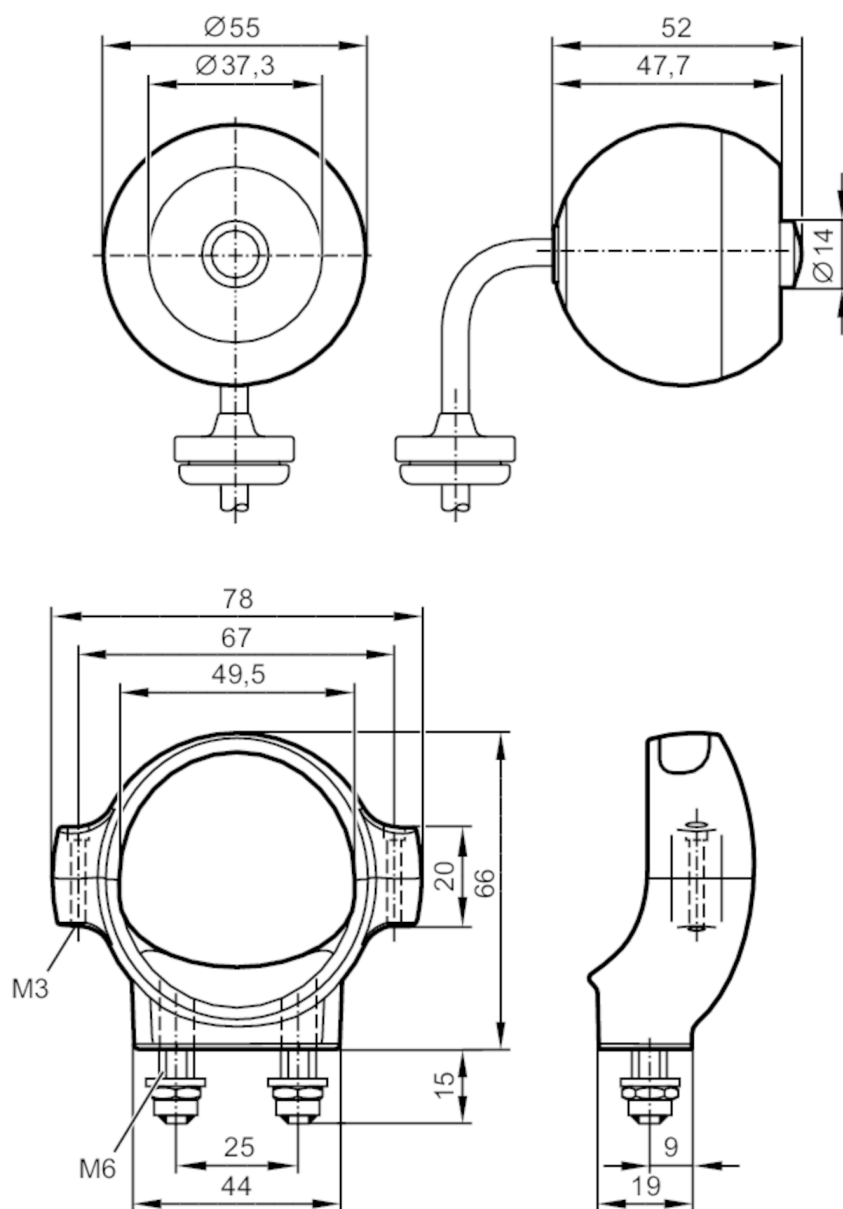


O2M211



Analogue camera for mobile machines

O2MXOOKG/A1/GM/170/M



Product characteristics

Image resolution	[px]	640 x 480
Angle of aperture	[°]	170 x 117

Application

Special feature	Screened cable
Application	Integrated mirror function

Electrical data

Operating voltage	[V]	12...32 DC
Current consumption	[mA]	< 280; (with lens heating)
Overvoltage protection		yes
Image sensor		¼" 4:3 VGA CMOS image sensor Color
Switch-on peak current	[mA]	1000

O2M211



Analogue camera for mobile machines

O2MXOOKG/A1/GM/170/M

Switch-on peak current duration	[ms]	2
---------------------------------	------	---

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 [m]	field of view [m]		
		1	22,86 x 3,26		
		2	45,72 x 6,53		
		3	68,58 x 9,79		
		4	91,44 x 13,05		
		5	114,30 x 16,32		

Image resolution	[px]	640 x 480
------------------	------	-----------

Angle of aperture	[°]	170 x 117
-------------------	-----	-----------

Light sensitivity	[LUX]	< 0.05
-------------------	-------	--------

Dynamic range	[dB]	> 80
---------------	------	------

Operating conditions

Ambient temperature	[°C]	-40...85
---------------------	------	----------

Storage temperature	[°C]	-40...100
---------------------	------	-----------

Protection		IP 67; 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]	301.7
--------	-----	-------

Dimensions	[mm]	Ø 55 / L = 52
------------	------	---------------

Materials		housing: PC/ABS; front lens: polyamide glass fibre reinforced
-----------	--	---

Аксессуары

Items supplied	Mounting set., E2M210
	гвинти: 2 x M6 x 20
	washers
	Nuts: 2 x M6, self-locking
	anti-slide pad

Remarks

Pack quantity		1 pcs.
---------------	--	--------

O2M211



Analogue camera for mobile machines

O2MXOOKG/A1/GM/170/M

Electrical connection

Cable: 0.5 m, shielded; screen connected

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