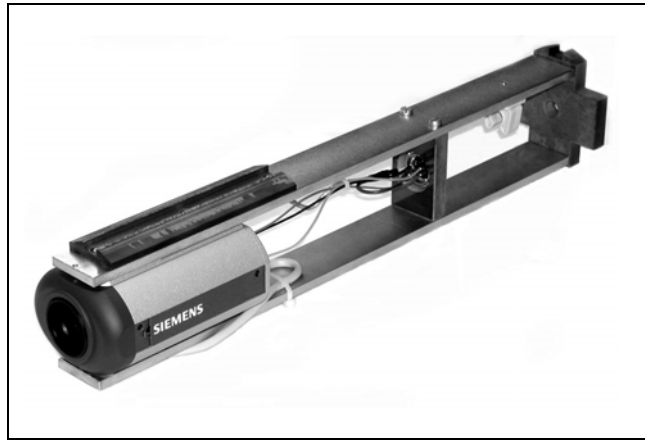




CCD Color Camera C1317F



CCD color camera C1317F

- Color camera with interline transfer CCD as image sensor 752 (H) x 582 (V) pixels
- Sensor size corresponding to a 1/3" image sensor
- 625 lines, 50 fields/s according to CCIR (PAL)
- Also available for NTSC standard
- No geometric distortions
- > 0,2 lx sensitivity image for good picture quality
- Sensitivity: appr. 9000 : 1 (ES 600 : 1, AGC 15 : 1)
- Electronical zoom (max. factor 4)
- Shutter speed 1/50 s.. flickerless ... 1/30000 s
- Automatic iris control signal, video signal controlled
- Gamma, typicly 0,45
- Immediately operable
- C-Mount thread for furnace lens
- RS232/RS485 for parameter setting via computer interface
- 12 VDC / 24VAC power supply
- Suitable for installation to probe housing 2GF1700-8-xx

Technical data

Standard	CCIR, 50 fields/s (PAL) alternatively EEIR, 60 fields (NTSC)
Image sensor	interline transfer, 1/3"
Resolution	> 450 lines horizontal
Sensitivity	
Object illumination	
70° angle of view	≥ 50 dc/m ² for good picture quality ≥ 10 dc/m ² for sufficient picture quality
94° angle of view	≥ 20 dc/m ² for good picture quality ≥ 05 dc/m ² for sufficient picture quality
110° angle of view	≥ 12 dc/m ² for good picture quality ≥ 02 dc/m ² for sufficient picture quality
Color temperature	range 3200 K to 9000 K
White balance	automatic / manual
Video amplifier	
- output signal	U _{pp} = 1 V into 75 Ω
- signal/noise rat.	≥ 46 dB, weighted, AGC off
Deflection	
- picture geometry	disortion-free
- synchronization	internal or external via color compositive signal or H and V signal
Power supply	12 VDC or 24 VAC
max temperature	0°C to 45 °C, for compliance with the technical data



CCD Color Camera C1317F

Ordering data

Item	Order no.
CCD Color Camera C1317F 1)	2GF1181 - 5 A
CCD color camera for installation in probe camera housing 2GF1700-8-xxx	
Design for short probe camera housing with viewing direction:	
- upwards or downwards	A 1 1
- straight, upwards or downwards (upright format image)	A 1 2
- to the left or right (upright formate image)	A 1 3
- straight left or right	A 1 4
Design for long camera housing with viewing direction:	
- upwards or downwards	B 1 1
- straight, upwards or downwards (upright format image)	B 1 2
- to the left or right (upright formate image)	B 1 3
- straight, left or right	B 1 4
Camera cable for camera CCFC1315	G23942-D0009-D020-1
with camera connection plug, cable 2,8 m long cable heat resistant up to 180 °C	
same as above, but cable 3,1 m long	G23942-D0009-D021-1

- 1) Elbow view is obtained, using an internal prism. Thus features a mirror image. On request, special CCD camera with electronic mirror image function may be supplied, which enable display of upright and true-sided video image.