

Features

- Direct PC interface
- 12 in flat panel monitor
- Panel mount in Class I, Div 2; Class II, Div 2; ATEX Zone 2 areas
- Touchscreen options
- Antiglare and stainless options

Application

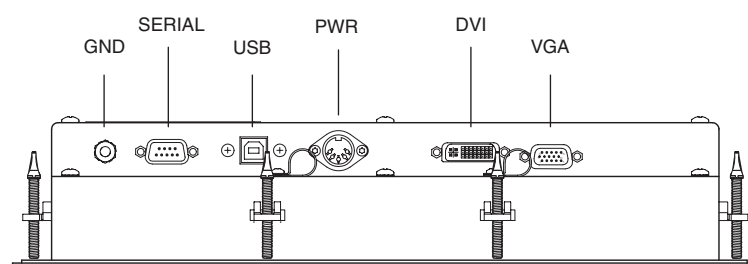
This product is a high-performance industrial flat panel monitor. It is designed as an operator interface device for continuous use in heavy-duty conditions.

It incorporates an industrial grade, high performance active matrix LCD panel, an optional touchscreen, and will connect directly to any DVI, VGA, or NTSC video signal.

It is available in many configurations.



Connection

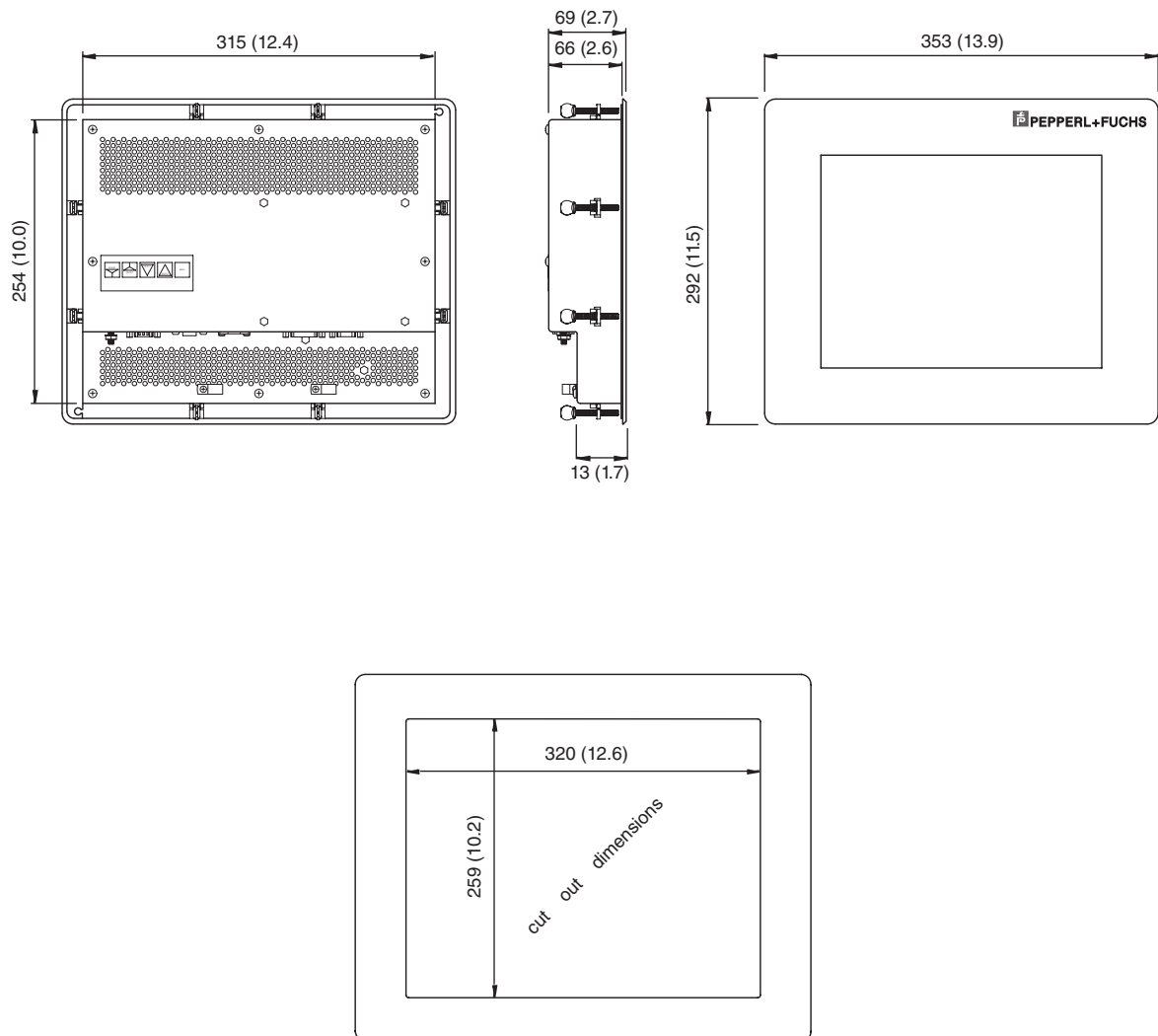


Supply	
Connection	180° 5-pin DIN
Input voltage	+ 12 V DC @ 1.0 A continuous
Indicators/operating means	
Display	
Type	5-wire resistive 5-wire hardened resistive
Screen diagonal	12.1"
Response time	15 ms
Resolution	800 x 600 (native mode) , 640 x 480 (text mode) , SOG Maximum resolution: 1204 x 768 @ 60 Hz
Color depth	18 bit (262 K) color supported in any video mode
Contrast	900:1
Brightness	Standard: 450 nit
Reading angle	80° in all directions
Life span	Back lamp life: 70,000 hrs
MTBF	550000 h (see manual)
Input devices	15-pin VGA , 29-pin DVI Optional interface to NTSC (camera, live video) via standard BNC connector
Touchscreen	5-wire resistive 5-wire hardened resistive
Interface	
Interface type	RS-232 serial or USB port to host computer via standard cable
Directive conformity	
Electromagnetic compatibility	
Directive 89/336/EEC	EN55022A, EN61000-6-2, EN61000-3-2, EN61000-3-3
Low voltage	
Directive 73/23/EEC	EN60950
Ambient conditions	
Operating temperature	-20 ... 60 °C (-4 ... 140 °F) ambient, no active cooling devices required
Storage temperature	-30 ... 80 °C (-22 ... 176 °F)
Relative humidity	5 ... 90 %, non-condensing
Vibration resistance	5 ... 100 Hz , 2 g, 19.6 m/s ² , all axes
Impact resistance	50 g, 11 ms, all axes
Mechanical specifications	
Protection degree	NEMA Type 4/12 (front face and seals). Type 4x with stainless option
Installation	panel mount
Mass	4.7 kg
Dimensions	Outer bezel: 292 mm x 353 mm (11.5 in x 13.9 in) Front bezel thickness: 2.5 mm (0.10 in)
Overall depth	74 mm (2.9 in) w/recessed cable ways
Cut out dimensions	259 mm X 320 mm (10.2 in x 12.6 in)
Data for application in connection with Ex-areas	
EC-Type Examination Certificate	PF 09 CERT 1285 X
International approvals	
UL approval	E190294

Supplementary information

Statement of Conformity, Declaration of Conformity and instructions have to be observed. For information see www.pepperl-fuchs.com.

Dimensions



Accessories

- PS60-12-HZ
- Power supply
- PSCBL*
- Power cable
- SCBL*
- Serial touchscreen cable
- UCBL*
- USB touchscreen cable
- VCBL*
- Video cable
- TSP12-5
- Screen protector

Type code

D	M	5	1	2	-	A	0	-	V	3	-	S	S	-	N	T
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NO	No option
NT	NTSC input

N0	Painted steel, panel mount
SS	Stainless steel, panel mount
RM	Rack mount

V3 Class I / Div 2, Class II / Div2, ATEX Zone 2

N0	Non-touch screen with clear glass
A0	Antiglare
TA	Resistive touch antiglare
TH	Hardened resistive touch antiglare

12 12 in monitor