6AV7863-6MA10-2NA0

SIEMENS

Data sheet

SIMATIC IFP1900 V2 Extended, 19 multi-touch display (16:9) with 1920x1080 pixel resolution, built-in unit, for 24 V DC, DisplayPort, can be placed up to 100 m away HDBaseT, USB on the rear side, neutral design



Figure similar

General information	IED4000 VO
Product type designation	IFP1900 V2
Short designation	SIMATIC IFP1900 V2 ext.
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	18.5 in; 19"
Screen diagonal [cm]	47 cm
Display width	408.96 mm
Display height	230.04 mm
On Screen Display (OSD) configuration	No; Adjustable by means of software
Number of colors	16 777 216; 24 bit
Viewing angle	178° x 178°
Resolution (pixels)	
 Image resolution 	1 920 x 1 080
 Horizontal image resolution 	1 920 pixel
 Vertical image resolution 	1 080 pixel
 Pixel size, horizontal 	0.213 mm
Pixel size, vertical	0.213 mm
General features	
 Brightness/contrast 	350 cd/m² / 1 000:1
 non-reflective and tempered mineral glass screen 	Yes
 Detachable from computer unit 	100 m; HDBaseT protocol
Luminance	350 cd/m ²
Backlighting	
 Type of backlighting 	LED
 MTBF backlighting (at 25 °C) 	50 000 h; At 25°C
Backlight dimmable	Yes; 0-100 %
Control elements	
Control elements	multi-touch screen
Input device	
 Integrated mouse cursor control 	Yes; Also externally via USB
Touch operation	
Design as touch screen	Yes; Projective-capacitive
Design as multi-touch screen	Yes; Projective-capacitive
Monitor keyboard	Yes; If supported by operating system
Installation type/mounting	
Design	Built-in unit
Front mounting	Yes
VESA mounting	Yes; VESA 100 x 100 integrated

Mounting in potrate somar possible Wes Buttin unit Wesi, Portrait mode possible Wes Buttin unit Wesi, Portrait mode possible Maximum permitted toward tilt angle from vertical SS* Maximum permitted sackward tilt angle from vertical SS* Spapy votage Type of supply votage DC Asked value (DC) Jav V, PELV / SELV floating Permissible range, lover limit (DC) permissibl	Mounting in portrait format possible	Vos
Bushin unit maximum permitted toward tilt angle from vertical series providers Type of supply velotige Type of supply velotige DC Rated value (DC) J24 V; PELV / SELV floating Permissible range, lower limit (DC) J25 V Poermissible range, lower limit (DC) Permissible range, lower limit (DC) J26 V Permissible range, lower limit (DC) J27 V Permissible range, lower limit (DC) J28 B V Permissible range, lower limit (DC) Permissible range, lower limit (DC) J28 B V Permissible range, lower limit (DC) Permissible range, lower limit (DC) J28 B V Permissible range, lower limit (DC) J29 B V Permissible range, lower limit (DC) J20 B V Permissi	Mounting in landscape format possible	Yes
maximum permitted forward til angle from vertical 35°		
Table Tabl		
Supply voltage		
Type of supply voltage		35°
Rate value (DC)		00
Demissible range, Lower limit (DC)	•••	
Deminstalle range, upper limit (DC) 28.8 V		
Description 12 A 15 A		
Current consumption (rated value)		28.8 V
Starting current Innush P		
Starting current invals Pt Quit Power loss, typ.		
Power loss Pow	<u> </u>	
Power loss, ray. 29 W		0.5 A ² ·s
Power loss, max. 35 W	Power loss	
Number of USB interfaces 2; USB 2.0 type A	Power loss, typ.	29 W
Number of USB interfaces	Power loss, max.	35 W
USB on the rear Connection for keyboard/mouse USB Video interfaces ● DV-LD ● DisplayPort Touch interfaces ● USB Ves Degree and class of protection IP (at the front) IP (at the front) Enclosure Type 4 at the front ● Yes Standards, approvals, certificates Certificate of suitability Enclosure Type 4 at the front Pes UL approval Ves; Cultus, cult Cultus Yes UL approval Ves; Cultus, cult Cultus Yes ENC (formerly Gost-R) ENC CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Use in bazardous areas ● ATEX Zone 2 ● ATEX Zone 2 ● ATEX Zone 2 ● ATEX Zone 2 ● FM Class I Division 2 Manne approval Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Wes ● Bureau Veritas (BV) • Licyds Register of Shipping (ABS) • Ves Nippon Kaji Kyokal (Class NK) Ambient conditions Ambient conditions Ambient conditions Ambient conditions Ambient conditions	Interfaces	
Connection for keyboard/mouse USB	Number of USB interfaces	
DVI-D	USB on the rear	Yes; 2x onboard
● DVI-D ● DisplayPort	Connection for keyboard/mouse	USB
● DisplayPort Touch interfaces ● USB Ves Degree and class of protection IP (at the front) IP (at the front) IP (rear) NEMA (front) ● Enclosure Type 4 at the front ● Enclosure Type 12 at the front ▼es Standards, approvals, certificates Certificate of suidability hazardous zone 2/22; shipbuilding CE mark ▼es UL approval Yes; cULus, cUL CULus Yes (Class I Div. 2 RCM (formerly C-TICK) Yes EAC (formerly C-TICK) Yes EAC (formerly Gost-R) EAC Ves ● EAC ATEX Zone 2 ● ATEX Zone 2 ● ATEX Zone 2 ● ATEX Zone 2 ● FM Class I Division 2 Marine approval ● Germanischer Lloyd (GL) ● American Bureau of Shipping (ABS) ● Bureau Veritas (BV) ● Det Norske Veritas (DNV) • Loyds Register of Shipping (LRS) • Ves Ambient conditions Ambient conditions Ambient temperature during operation • nin. • nin. • nin. • nin. • o °C **C ** **C **C ** **C ** **C ** *	Video interfaces	
Touch interfaces USB Yes	• DVI-D	No
● USB	DisplayPort	Yes; Display port V1.2
Degree and class of protection IP (at the front) IP (star) IP (year)	Touch interfaces	
IP (at the front)	• USB	Yes
IP (rear)	Degree and class of protection	
NEMA (front) • Enclosure Type 4 at the front • Yes Standards, approvals, certificates Cettificate of suitability • Mazardous zone 2/22; shipbuilding • Yes • ILL approval • Yes • Class I Div. 2 • Yes • ATEX Zone 2 • Yes • ATEX Zone 2 • Yes • ENC Zone 2 • FR Class I Div. 2 • Yes • ENCEX Zone 2 • FR Class I Division 2 • Yes • IECEX Zone 2 • FR Class I Division 2 • Yes • IECEX Zone 2 • FR Class I Division 2 • Yes • Det Norske Veritas (DNV) • Det Norske Veritas (DNV) • Loloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (Class NK) Ambient temperature during operation • min.	IP (at the front)	IP65
Enclosure Type 4 at the front Enclosure Type 4x at the front Enclosure Type 4x at the front Enclosure Type 12 at the front Enclosure Type 12 at the front Enclosure Type 12 at the front Yes Standards, approvals, certificates Certificate of suitability Definition CE mark Ves UL approval Ves; CulLus, CUL CULLus Yes FM approval Yes; Class I Div. 2 RCM (formerly C-TICK) Yes EAC (formerly Gost-R) EMC CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Use in hazardous areas ATEX Zone 2 Yes ECEX Zone 2 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) ED Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kajii Kyokal (Class NK) Ambient conditions Ambient temperature during operation min. O °C mins. O °C mins. O °C mins. O o °C O TEXT A strip in the front Yes Standards, approval Apardous zone 2/22; shipbuilding Yes Loyds Register of Shipping (LRS) O °C Standards, approval O Enclosure Type 4 at the front Yes Standards, approval Apardous zone 2/22; shipbuilding Yes Certificates Yes Certificates Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Pes Standards, approval Yes CULus, CUL Yes Certificates Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Pes Standards, approval Yes Pes Standards, approval Yes Standards, approval Yes Standards, approval Yes Standards, approval Yes Standards, approval Yes Standards, approval Yes Standards, approval Yes Standards, approval Yes Standards, approval Yes Standards, approval Yes Standards, approval Yes Standards, approval Yes Standards, approval Yes Standards, approval Yes Standards, approval Yes CULus Yes CULus Yes Cullus Yes Cullus Yes Cullus Yes Cullus Yes Cullus Yes Cullus Yes Standards, approval Yes Standards, approval Yes Cullus Yes Cullus Yes Standards, approval Yes Cullus Yes Standards, approval Yes Cullus Yes Standards,	IP (rear)	IP20
• Enclosure Type 4x at the front • Enclosure Type 12 at the front Yes Standards, approvals, certificates Certificate of suitability Lapproval UL approval UL approval Ves; CulLus, cUL cULLus Yes FM approval Yes; Class I Div. 2 RCM (formerly C-TICK) Yes EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • ATEX Zone 2 • IECEx Zone 2 • IECEx Zone 2 • FM Class I Division 2 Marine approval • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (Class NK) Ambient temperature during operation • min. • max. • max. • O °C • max.	NEMA (front)	
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Standards, approvals, certificates Certificate of suitability CE mark Ves UL approval Ves; CLUus, cUL CULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • ATEX Zone 2 • IECEx Zone 22 • IECEx Zone 22 • IECEx Zone 22 • FM Class I Division 2 Marine approval • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Verltas (BV) • Det Norske Verltas (DNV) • Lloyds Register of Shipping (LRS) • Nippon Kaij Kyokai (Class NK) Ambient temperature during operation • min. • max. Macula Verlas (BV) • max. Area (Class I Division April (Class NK) Area (Class NK) • Marine approval • Certificate of suitability Yes • Nippon Kaij Kyokai (Class NK) Ambient temperature during operation • min. • max.	 Enclosure Type 4x at the front 	Yes
Cettificate of suitability CE mark Yes UL approval Yes; cULus, cUL cULus Yes Mapproval PM approval PM syproval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas ATEX Zone 2 ATEX Zone 2 IECEX Zone 3 IECEX Zone 2 IECEX Zone 3 IECEX Zone 3 IECEX Zone 3 IECEX Zone 4 IECEX Zone 5 IECEX Zone 6 IECEX Zone 7 IECEX Zone 8 IECEX Zone 8 IECEX Zone 9 IECEX Zone 9 IECEX Zone 1 IECEX Zone 2 IECEX Zone 2 IECEX Zone 2 IECEX Zone 3 IECE		Voc
CE mark Yes UL approval Yes; cULus, cUL cULus Yes FM approval Yes; Class I Div. 2 RCM (formerly C-TICK) Yes EAC (formerly Gost-R) Yes EMC CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Use in hazardous areas Yes • ATEX Zone 2 Yes • IECEX Zone 22 Yes • IECEX Zone 22 Yes • FM Class I Division 2 Yes Marine approval Germanischer Lloyd (GL) Yes • American Bureau of Shipping (ABS) Yes • Bureau Veritas (BV) Yes • Lloyds Register of Shipping (LRS) Yes • Nippon Kaiji Kyokai (Class NK) Yes Ambient conditions Ambient conditions Ambient temperature during operation one • min. 0 °C • max. 50 °C	 Enclosure Type 12 at the front 	fes
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cULUS Yes FM approval Yes; Class I Div. 2 RCM (formerly C-TICK) Yes EAC (formerly Gost-R) Yes EMC CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Use in hazardous areas Yes • ATEX Zone 2 Yes • IECEx Zone 22 Yes • IECEx Zone 2 Yes • FM Class I Division 2 Yes Marine approval Yes • Germanischer Lloyd (GL) Yes • American Bureau of Shipping (ABS) Yes • Bureau Veritas (BV) Yes • Det Norske Veritas (DNV) Yes • Lloyds Register of Shipping (LRS) Yes • Nippon Kaiji Kyokai (Class NK) Yes Ambient conditions Ambient temperature during operation • min. 0 °C • max. 50 °C	Standards, approvals, certificates	
FM approval Yes; Class I Div. 2	Standards, approvals, certificates Certificate of suitability	hazardous zone 2/22; shipbuilding
RCM (formerly C-TICK) Yes EAC (formerly Gost-R) Yes EMC CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Use in hazardous areas 	Standards, approvals, certificates Certificate of suitability CE mark	hazardous zone 2/22; shipbuilding Yes
EAC (formerly Gost-R) EMC CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Use in hazardous areas • ATEX Zone 2 • ATEX Zone 2 • IECEx Zone 2 • IECEx Zone 2 • FM Class I Division 2 Marine approval • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (Class NK) Ambient conditions Ambient temperature during operation • min. • Test Storic In Not 1000-6-4, EN 61000-6-2 Yes Yes Yes Yes Yes Yes Yes Ye	Standards, approvals, certificates Certificate of suitability CE mark UL approval	hazardous zone 2/22; shipbuilding Yes Yes; cULus, cUL
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Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 2 • IECEx Zone 2 • IECEx Zone 22 • FM Class I Division 2 Marine approval • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (Class NK) Ambient conditions Ambient temperature during operation • min. • min. • min. • max. 50 °C	Standards, approvals, certificates Certificate of suitability CE mark UL approval cULus FM approval	hazardous zone 2/22; shipbuilding Yes Yes; cULus, cUL Yes Yes; Class I Div. 2
ATEX Zone 2 ATEX Zone 22 FIECEx Zone 2 FIECEx Zone 22 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Ambient conditions Ambient temperature during operation min. min. min. 0 °C max.	Standards, approvals, certificates Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK)	hazardous zone 2/22; shipbuilding Yes Yes; cULus, cUL Yes Yes; Class I Div. 2 Yes
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IECEx Zone 22 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Ambient conditions Ambient temperature during operation min. min. 0 °C max.	Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas	hazardous zone 2/22; shipbuilding Yes Yes; cULus, cUL Yes Yes; Class I Div. 2 Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2
► FM Class I Division 2 Marine approval ← Germanischer Lloyd (GL) ← American Bureau of Shipping (ABS) ← Bureau Veritas (BV) ← Det Norske Veritas (DNV) ← Det Norske Veritas (DNV) ← Lloyds Register of Shipping (LRS) ← Nippon Kaiji Kyokai (Class NK) Ambient conditions Ambient temperature during operation ← min. ← o °C ← max. ← O °C ← max.	Standards, approvals, certificates Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2	hazardous zone 2/22; shipbuilding Yes Yes; cULus, cUL Yes Yes; Class I Div. 2 Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes
Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Ambient conditions Ambient temperature during operation min. 0 °C max. 50 °C	Standards, approvals, certificates Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22	hazardous zone 2/22; shipbuilding Yes Yes; cULus, cUL Yes Yes; Class I Div. 2 Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Yes
Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Ambient conditions Ambient temperature during operation min. min. 0 °C max. 50 °C	Standards, approvals, certificates Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • IECEx Zone 2	hazardous zone 2/22; shipbuilding Yes Yes; cULus, cUL Yes Yes; Class I Div. 2 Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Yes Yes
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Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Ambient conditions Ambient temperature during operation min. min. 0 °C max. 50 °C	Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • IECEx Zone 2 • IECEx Zone 22 • FM Class I Division 2	hazardous zone 2/22; shipbuilding Yes Yes; cULus, cUL Yes Yes; Class I Div. 2 Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Yes Yes Yes Yes Yes Yes Yes
Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Ambient conditions Ambient temperature during operation min. 0 °C max. 50 °C	Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • IECEx Zone 2 • IECEx Zone 22 • FM Class I Division 2 Marine approval	hazardous zone 2/22; shipbuilding Yes Yes; cULus, cUL Yes Yes; Class I Div. 2 Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye
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Nippon Kaiji Kyokai (Class NK) Ambient conditions Ambient temperature during operation	Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • IECEx Zone 2 • IECEx Zone 2 • FM Class I Division 2 Marine approval • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS)	hazardous zone 2/22; shipbuilding Yes Yes; cULus, cUL Yes Yes; Class I Div. 2 Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye
Ambient conditions Ambient temperature during operation • min. • max. 50 °C	Standards, approvals, certificates Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • IECEx Zone 22 • IECEx Zone 22 • FM Class I Division 2 Marine approval • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV)	hazardous zone 2/22; shipbuilding Yes Yes; cULus, cUL Yes Yes; Class I Div. 2 Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye
Ambient temperature during operation	Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 22 • IECEx Zone 22 • FM Class I Division 2 Marine approval • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV)	hazardous zone 2/22; shipbuilding Yes Yes; cULus, cUL Yes Yes; Class I Div. 2 Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye
• min.	Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • ATEX Zone 2 • IECEx Zone 2 • IECEx Zone 2 • FM Class I Division 2 Marine approval • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) • Lloyds Register of Shipping (LRS)	hazardous zone 2/22; shipbuilding Yes Yes; cULus, cUL Yes Yes; Class I Div. 2 Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye
• max. 50 °C	Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 2 • IECEx Zone 22 • FM Class I Division 2 Marine approval • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (Class NK)	hazardous zone 2/22; shipbuilding Yes Yes; cULus, cUL Yes Yes; Class I Div. 2 Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye
	Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 2 • IECEx Zone 22 • FM Class I Division 2 Marine approval • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (Class NK)	hazardous zone 2/22; shipbuilding Yes Yes; cULus, cUL Yes Yes; Class I Div. 2 Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye
Ambient temperature during storage/transportation	Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • IECEx Zone 2 • IECEx Zone 2 • IECEx Zone 22 • FM Class I Division 2 Marine approval • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (Class NK) Ambient conditions Ambient temperature during operation	hazardous zone 2/22; shipbuilding Yes Yes; cULus, cUL Yes Yes; Class I Div. 2 Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye
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-20 °C
60 °C
3 500 m
90 %; no condensation
10 m/s²
10 m/s²
150 m/s²
250 m/s²
With neutral design
Yes
Yes
Yes; at front
aluminum
464 mm
294 mm
448 mm; Tolerance: +1 mm
278 mm; Tolerance: +1 mm
63.4 mm
5 kg
- 19

last modified: 10/13/2021 🖸