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JUMO variTRON Web Panels

705070

Brief description

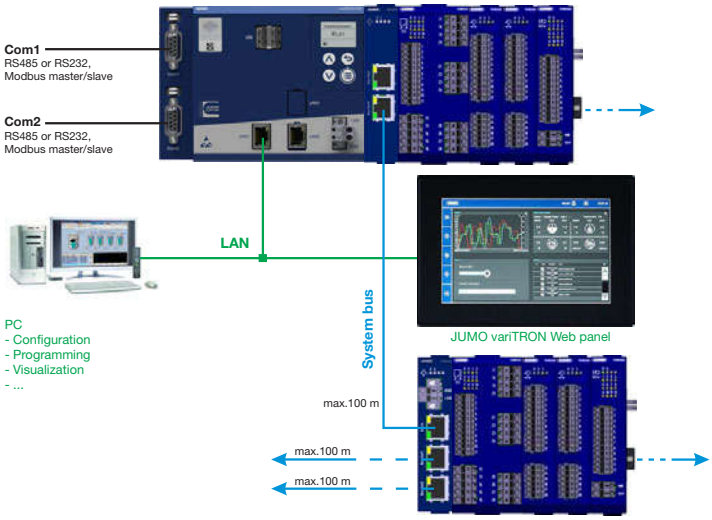
JUMO variTRON web panels can be easily connected to automation systems of the JUMO variTRON series via Ethernet connection. The web panels support CODESYS Remote TargetVisu or WebVisu. As a result, visualizations created with CODESYS can be displayed on the web panels and used to operate the system. The prerequisite for this is the corresponding extra code of the JUMO variTRON central processing unit: For visualization by means of a browser, extra code 281 (WebVisu) is required; for visualization via Remote TargetVisu, extra code 280 must be selected.

In principle, web panels other than those offered by JUMO can also be used together with an automation system of the JUMO variTRON series, provided that they support the required CODESYS visualization.



Type 705070/...

System structure



Features

- TFT colour screen, resistive or capacitive
- Multi-touch operation (capacitive), also with gloves
- Screen sizes (diagonal) from 10.9 cm (4.3") to 54.6 cm (21.5")
- Screen resolutions from 480 × 272 to 1920 × 1080
- Panel mounting or variable fastening
- Connection to the central processing unit via Ethernet interface
- Voltage supply DC 24 V or PoE
- Versions for food industry
- UL and DNV GL approval (type dependent)

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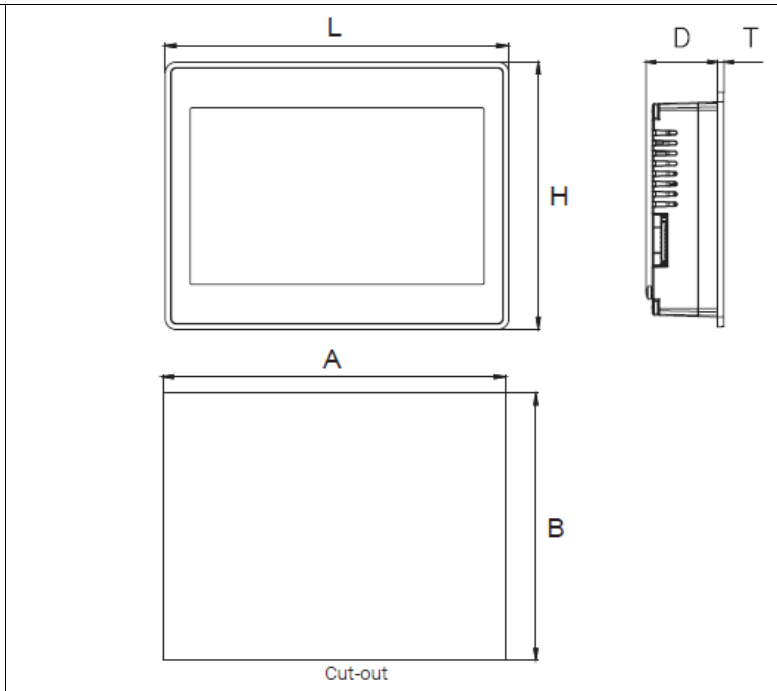
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EXOR Standard eX

eX707 – Type 705070/1-x-10-...





Screen type		TFT color screen
Touch technology		Capacitive, multi-touch operation
Screen size (diagonal)		Approx. 17.8 cm (7")
Resolution		800 × 480
Number of colors		16M
Brightness (luminance)	typ.	500 cd/m^2
Backlight		LED (dimmable)
Interfaces		3 × Ethernet, 2 × USB host, 1 × serial
Voltage supply		DC 24 V (10 to 32 V)
Current consumption		0.7 A at DC 24 V
Installation type		Installation in panel cut-out
Dimensions L × H × (D + T)		187 mm × 147 mm × (47 + 8) mm
Front panel depth T		8 mm
Mounting depth D		47 mm
Panel cut-out A × B		176 mm × 136 mm
Weight		1.5 kg
Protection type		IP66 (front side), IP20 (rear side)
Operating temperature range		-20 to +60 °C (vertical mounting)
Storage temperature range		-20 to +70 °C
Resistance to climatic conditions		Relative humidity 5 to 85 %, non-condensing
Approvals		cULus, DNV GL
Model (www.exorint.com)		eX707

The complete technical data as well as further technical information can be found in the manufacturer's original documents (www.exorint.com).

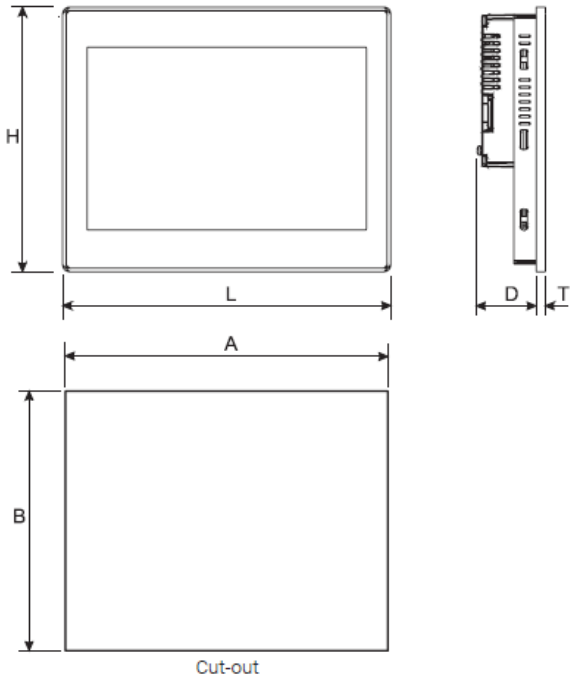
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eX710 – Type 705070/1-x-20-...





Screen type		TFT color screen
Touch technology		Capacitive, multi-touch operation
Screen size (diagonal)		Approx. 25.7 cm (10.1")
Resolution		1280 × 800
Number of colors		16M
Brightness (luminance)	typ.	500 cd/m^2
Backlight		LED (dimmable)
Interfaces		3 × Ethernet, 2 × USB host, 1 × serial
Voltage supply		DC 24 V (10 to 32 V)
Current consumption		1.0 A at DC 24 V
Installation type		Installation in panel cut-out
Dimensions L × H × (D + T)		282 mm × 197 mm × (56 + 8) mm
Front panel depth T		8 mm
Mounting depth D		56 mm
Panel cut-out A × B		271 mm × 186 mm
Weight		2.5 kg
Protection type		IP66 (front side), IP20 (rear side)
Operating temperature range		-20 to +60 °C (vertical mounting)
Storage temperature range		-20 to +70 °C
Resistance to climatic conditions		Relative humidity 5 to 85 %, non-condensing
Approvals		cULus, DNV GL
Model (www.exorint.com)		eX710

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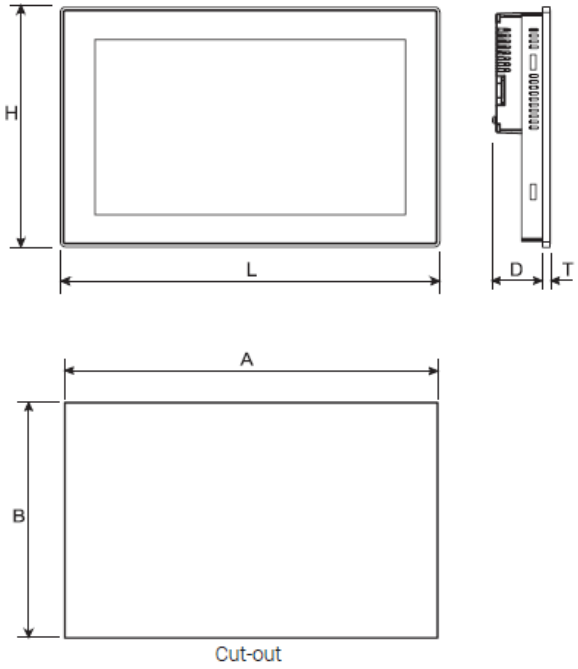
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eX715 – Type 705070/1-x-30-...





Screen type		TFT color screen
Touch technology		Capacitive, multi-touch operation
Screen size (diagonal)		Approx. 39.6 cm (15.6")
Resolution		1366 × 768
Number of colors		16M
Brightness (luminance)	typ.	400 cd/m^2
Backlight		LED (dimmable)
Interfaces		3 × Ethernet, 2 × USB host, 1 × serial
Voltage supply		DC 24 V (10 to 32 V)
Current consumption		1.2 A at DC 24 V
Installation type		Installation in panel cut-out
Dimensions L × H × (D + T)		422 mm × 267 mm × (56 + 8) mm
Front panel depth T		8 mm
Mounting depth D		56 mm
Panel cut-out A × B		411 mm × 256 mm
Weight		4.1 kg
Protection type		IP66 (front side), IP20 (rear side)
Operating temperature range		-20 to +60 °C (vertical mounting)
Storage temperature range		-20 to +70 °C
Resistance to climatic conditions		Relative humidity 5 to 85 %, non-condensing
Approvals		cULus, DNV GL
Model (www.exorint.com)		eX715

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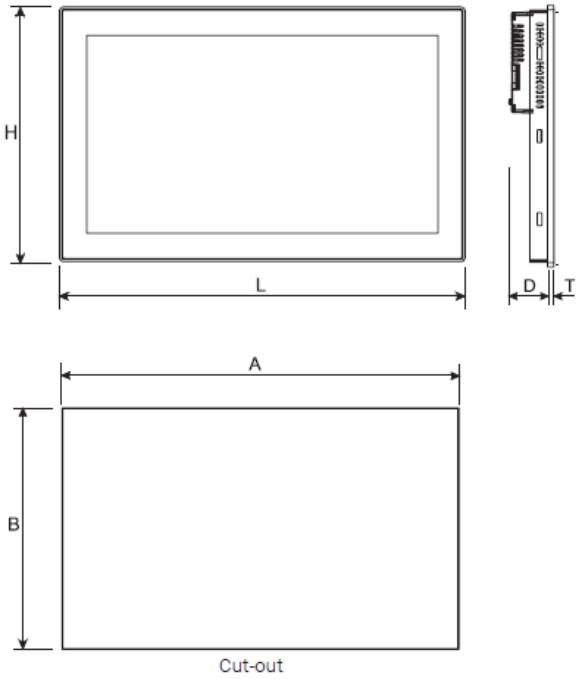
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eX721 – Type 705070/1-x-40-...





Cut-out

Screen type		TFT color screen
Touch technology		Capacitive, multi-touch operation
Screen size (diagonal)		Approx. 54.6 cm (21.5")
Resolution		1920 × 1080
Number of colors		16M
Brightness (luminance)	typ.	300 cd/m^2
Backlight		LED (dimmable)
Interfaces		3 × Ethernet, 2 × USB host, 1 × serial
Voltage supply		DC 24 V (10 to 32 V)
Current consumption		1.7 A at DC 24 V
Installation type		Installation in panel cut-out
Dimensions L × H × (D + T)		552 mm × 347 mm × (56 + 8.5) mm
Front panel depth T		8.5 mm
Mounting depth D		56 mm
Panel cut-out A × B		541 mm × 336 mm
Weight		6.1 kg
Protection type		IP66 (front side), IP20 (rear side)
Operating temperature range		-20 to +60 °C (vertical mounting)
Storage temperature range		-20 to +70 °C
Resistance to climatic conditions		Relative humidity 5 to 85 %, non-condensing
Approvals		cULus, DNV GL
Model (www.exorint.com)		eX721

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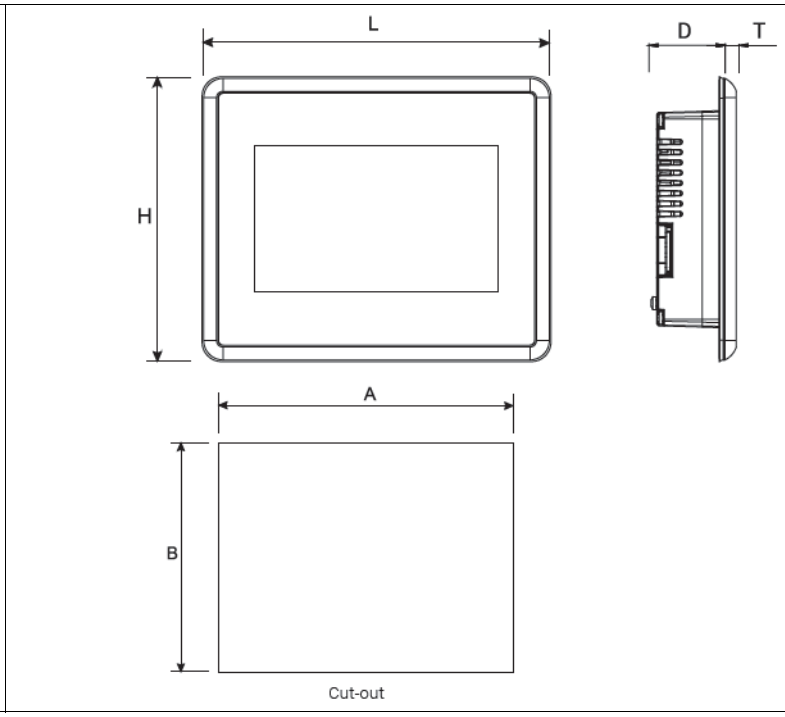
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EXOR Food & Beverage eXFB

eX707FB – Type 705070/2-x-11-...





Cut-out

Screen type		TFT color screen
Touch technology		Capacitive, multi-touch operation
Screen size (diagonal)		Approx. 17.8 cm (7")
Resolution		800 × 480
Number of colors		16M
Brightness (luminance)	typ.	500 cd/m^2
Backlight		LED (dimmable)
Interfaces		3 × Ethernet, 2 × USB host, 1 × serial
Voltage supply		DC 24 V (10 to 32 V)
Current consumption		0.7 A at DC 24 V
Installation type		Installation in panel cut-out
Dimensions L × H × (D + T)		217 mm × 177 mm × (45 + 10) mm
Front panel depth T		10 mm
Mounting depth D		45 mm
Panel cut-out A × B		176 mm × 136 mm
Weight		2.5 kg
Protection type		At the front IP69, at the rear IP20
Operating temperature range		-20 to +60 °C (vertical mounting)
Storage temperature range		-20 to +70 °C
Resistance to climatic conditions		Relative humidity 5 to 85 %, non-condensing
Approvals		cULus
Model (www.exorint.com)		eX707FB

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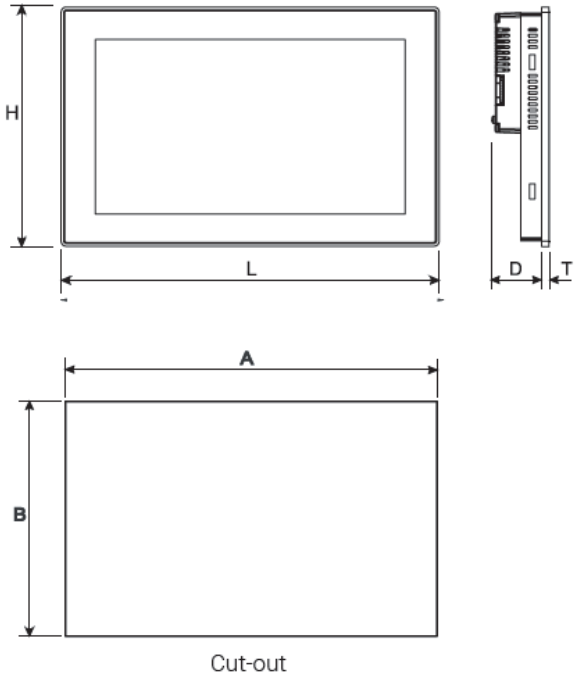
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eX715FB – Type 705070/2-x-31-...





Cut-out

Screen type		TFT color screen
Touch technology		Capacitive, multi-touch operation
Screen size (diagonal)		Approx. 39.6 cm (15.6")
Resolution		1366 × 768
Number of colors		16M
Brightness (luminance)	typ.	400 cd/m^2
Backlight		LED (dimmable)
Interfaces		3 × Ethernet, 2 × USB host, 1 × serial
Voltage supply		DC 24 V (10 to 32 V)
Current consumption		1.2 A at DC 24 V
Installation type		Installation in panel cut-out
Dimensions L × H × (D + T)		450 mm × 295 mm × (56 + 8) mm
Front panel depth T		8 mm
Mounting depth D		56 mm
Panel cut-out A × B		411 mm × 256 mm
Weight		5.2 kg
Protection type		At the front IP69, at the rear IP20
Operating temperature range		-20 to +60 °C (vertical mounting)
Storage temperature range		-30 to +80 °C
Resistance to climatic conditions		Relative humidity 5 to 85 %, non-condensing
Approvals		cULus
Model (www.exorint.com)		eX715FB

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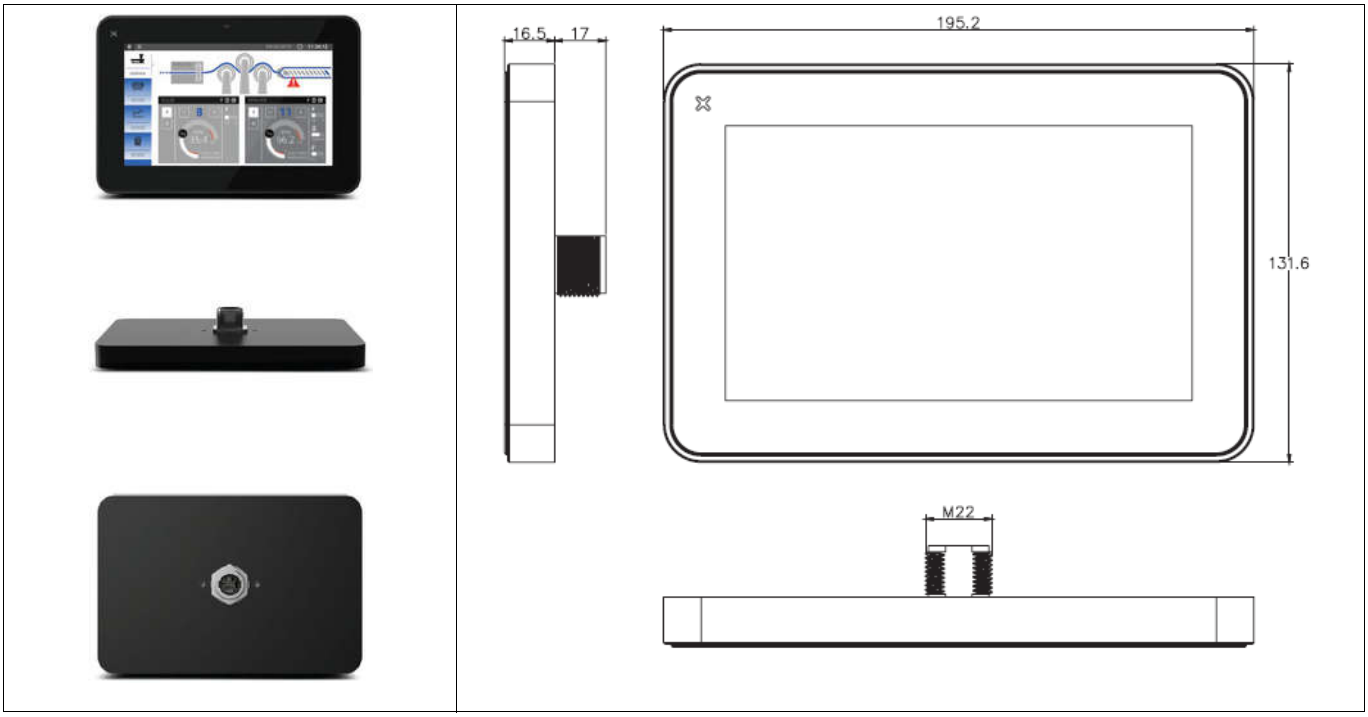
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EXOR JSmart eXJS

eX707JS – Type 705070/3-x-12-...



Screen type		TFT color screen
Touch technology		Capacitive, multi-touch operation (also with gloves)
Screen size (diagonal)		Approx. 17.8 cm (7")
Resolution		1024 × 600
Number of colors		16M
Brightness (luminance)	typ.	400 cd/m^2
Backlight		LED (dimmable)
Interfaces		1 × Ethernet (PoE), 1 × USB host (adapter required)
Voltage supply		Power over Ethernet (IEEE 802.3af PoE)
Power consumption		9 W
Installation type		Threaded mounting M22
Dimensions without thread		195.2 mm × 131.6 mm × 16.5 mm
Thread length		17 mm
Weight		0.7 kg
Protection type		IP67 (suitable accessories and suitable cables required)
Operating temperature range		-20 to +55 °C (vertical mounting)
Storage temperature range		-30 to +80 °C
Resistance to climatic conditions		Relative humidity 5 to 85 %, non-condensing
Approvals		cULus
Model (www.exorint.com)		JSmart707

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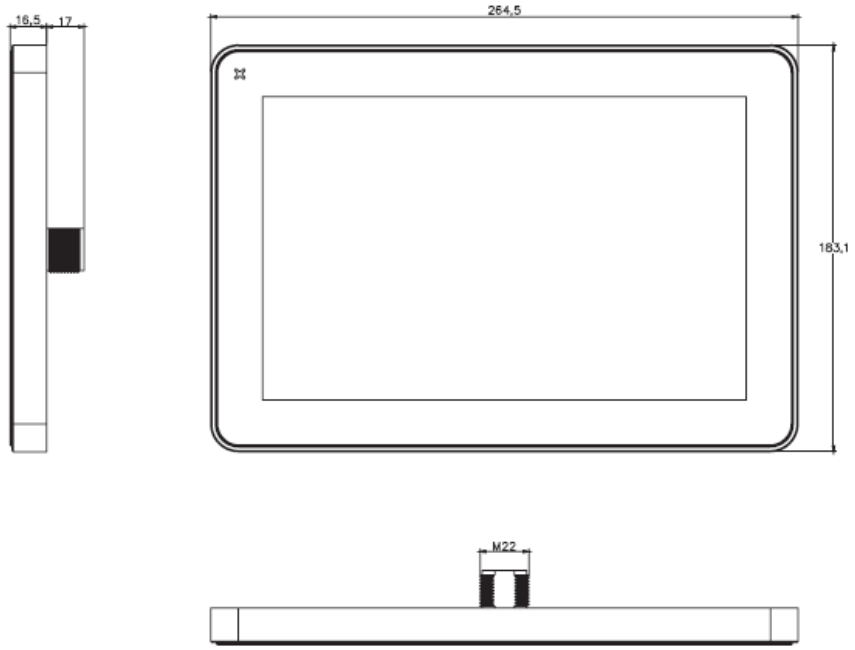
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eX710JS – Type 705070/3-x-22-...





Screen type		TFT color screen
Touch technology		Capacitive, multi-touch operation (also with gloves)
Screen size (diagonal)		Approx. 25.7 cm (10.1")
Resolution		1280 × 800
Number of colors		16M
Brightness (luminance)	typ.	400 cd/m^2
Backlight		LED (dimmable)
Interfaces		1 × Ethernet (PoE), 1 × USB host (adapter required)
Voltage supply		Power over Ethernet (IEEE 802.3af PoE)
Power consumption		12 W
Installation type		Threaded mounting M22
Dimensions without thread		264.5 mm × 183.1 mm × 16.5 mm
Thread length		17 mm
Weight		1.2 kg
Protection type		IP67 (suitable accessories and suitable cables required)
Operating temperature range		-20 to +55 °C (vertical mounting)
Storage temperature range		-30 to +80 °C
Resistance to climatic conditions		Relative humidity 5 to 85 %, non-condensing
Approvals		cULus
Model (www.exorint.com)		JSmart710

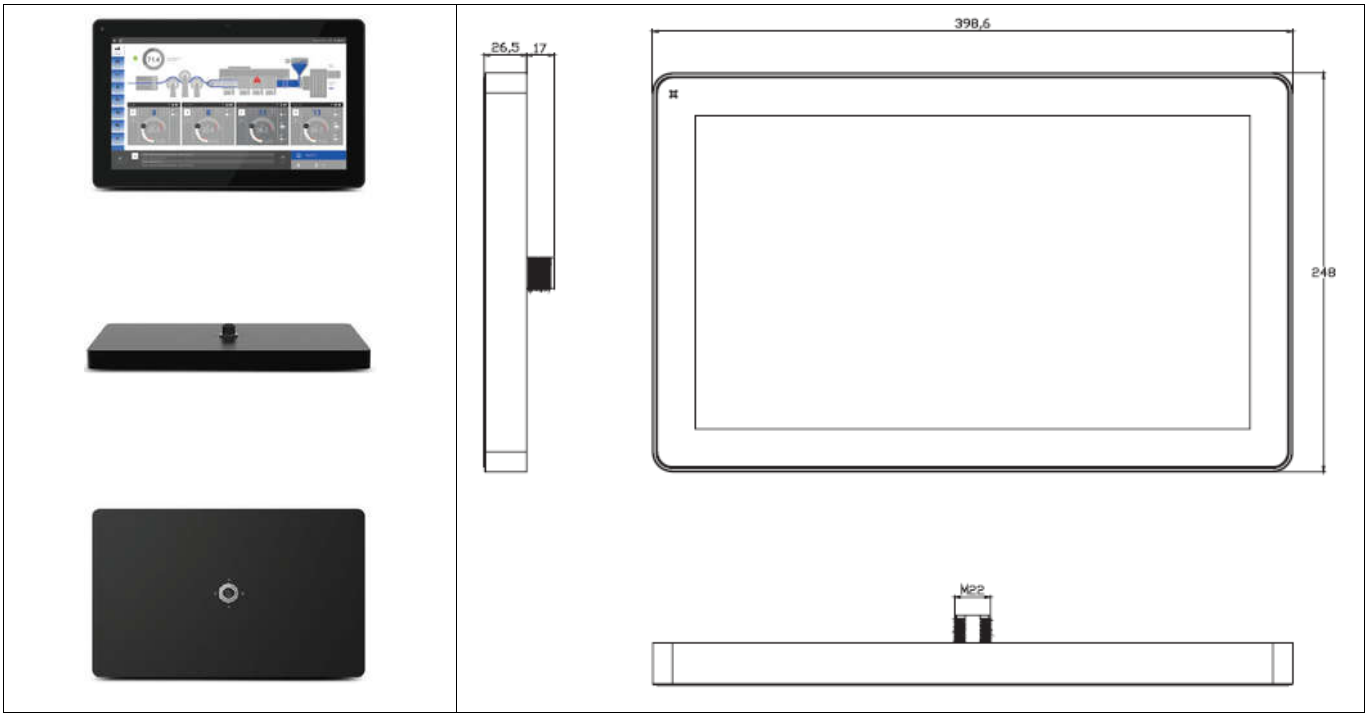
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eX715JS – Type 705070/3-x-32-...



Screen type		TFT color screen
Touch technology		Capacitive, multi-touch operation (also with gloves)
Screen size (diagonal)		Approx. 39.6 cm (15.6")
Resolution		1366 × 768
Number of colors		16M
Brightness (luminance)	typ.	400 cd/m^2
Backlight		LED (dimmable)
Interfaces		1 × Ethernet (PoE), 1 × USB host (adapter required)
Voltage supply		Power over Ethernet (IEEE 802.3af PoE)
Power consumption		19 W
Installation type		Threaded mounting M22
Dimensions without thread		398.6 mm × 248 mm × 26.5 mm
Thread length		17 mm
Weight		4.0 kg
Protection type		IP67 (suitable accessories and suitable cables required)
Operating temperature range		-20 to +55 °C (vertical mounting)
Storage temperature range		-30 to +80 °C
Resistance to climatic conditions		Relative humidity 5 to 85 %, non-condensing
Approvals		cULus
Model (www.exorint.com)		JSmart715

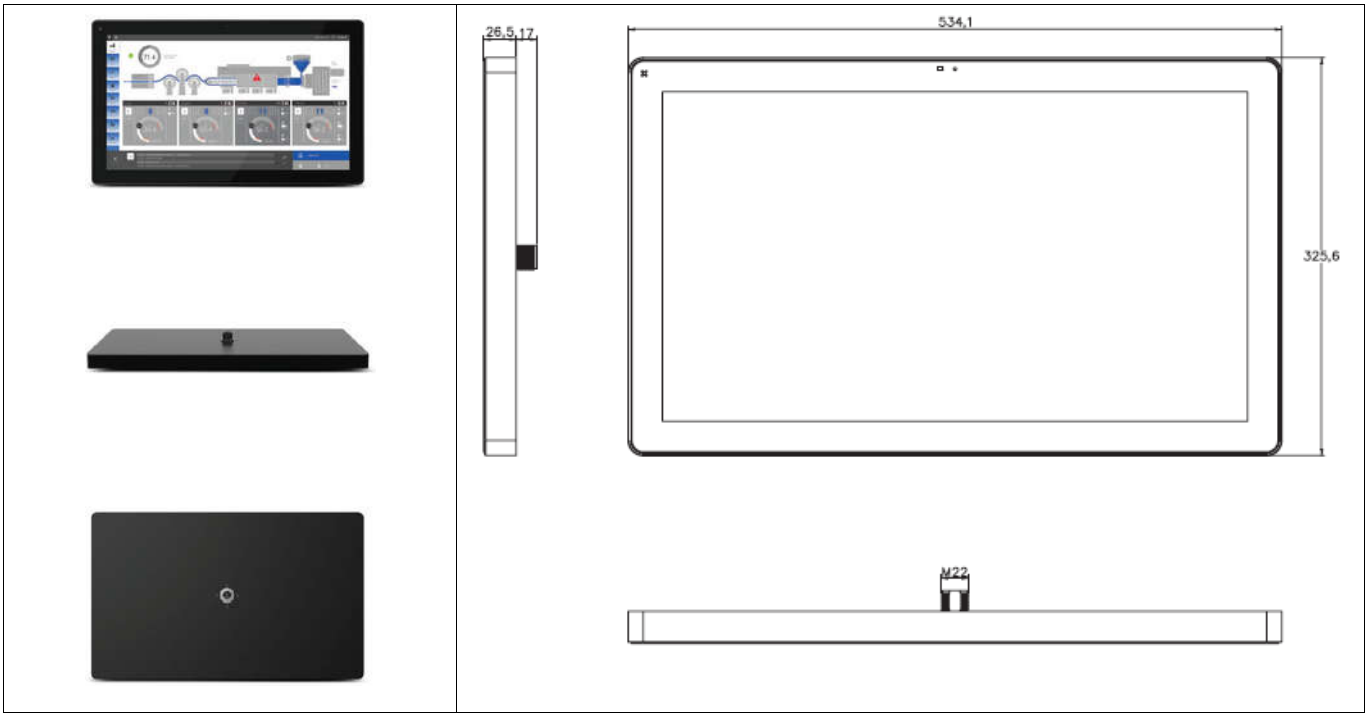
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eX721JS – Type 705070/3-x-42-...



Screen type		TFT color screen
Touch technology		Capacitive, multi-touch operation (also with gloves)
Screen size (diagonal)		Approx. 54.6 cm (21.5")
Resolution		1920 × 1080
Number of colors		16M
Brightness (luminance)	typ.	400 cd/m^2
Backlight		LED (dimmable)
Interfaces		1 × Ethernet (PoE), 1 × USB host (adapter required)
Voltage supply		Power over Ethernet (IEEE 802.3af PoE)
Power consumption		32 W
Installation type		Threaded mounting M22
Dimensions without thread		534.1 mm × 325.6 mm × 26.5 mm
Thread length		17 mm
Weight		6.0 kg
Protection type		IP67 (suitable accessories and suitable cables required)
Operating temperature range		-20 to +55 °C (vertical mounting)
Storage temperature range		-30 to +80 °C
Resistance to climatic conditions		Relative humidity 5 to 85 %, non-condensing
Approvals		cULus
Model (www.exorint.com)		JSmart721

The complete technical data as well as further technical information can be found in the manufacturer's original documents (www.exorint.com).

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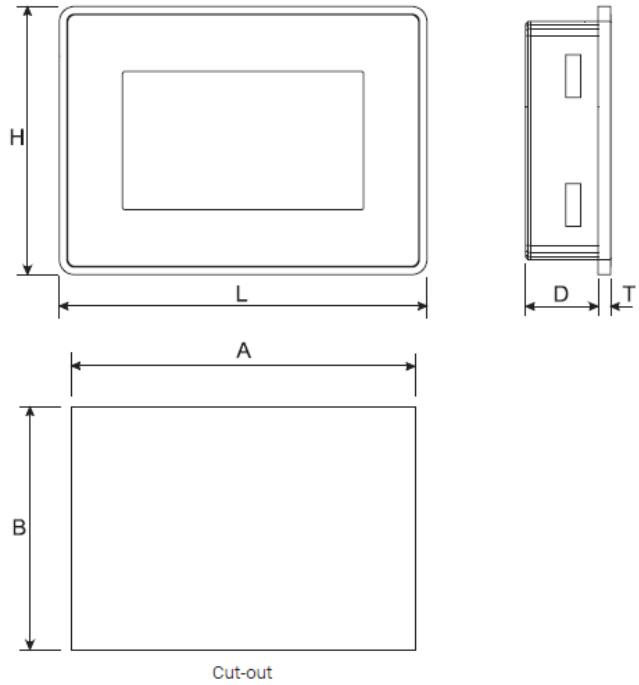
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EXOR eSMART eXES

eX04ES – Type 705070/4-x-01-...





Cut-out

Screen type		TFT color screen
Touch technology		Resistive
Screen size (diagonal)		Approx. 10.9 cm (4.3")
Resolution		480 × 272
Number of colors		64k
Brightness (luminance)	typ.	200 cd/m^2
Backlight		LED (dimmable)
Interfaces		1 × Ethernet, 1 × USB host, 1 × serial
Voltage supply		DC 24 V (10 to 32 V)
Current consumption		0.25 A at DC 24 V
Installation type		Installation in panel cut-out
Dimensions L × H × (D + T)		147 mm × 107 mm × (29 + 5) mm
Front panel depth T		5 mm
Mounting depth D		29 mm
Panel cut-out A × B		136 mm × 96 mm
Weight		Approx. 0.4 kg
Protection type		IP66 (front side), IP20 (rear side)
Operating temperature range		0 to 50 °C (vertical mounting)
Storage temperature range		-20 to +70 °C
Resistance to climatic conditions		Relative humidity 5 to 85 %, non-condensing
Approvals		cULus, DNV GL
Model (www.exorint.com)		eSMART04M

The complete technical data as well as further technical information can be found in the manufacturer's original documents (www.exorint.com).

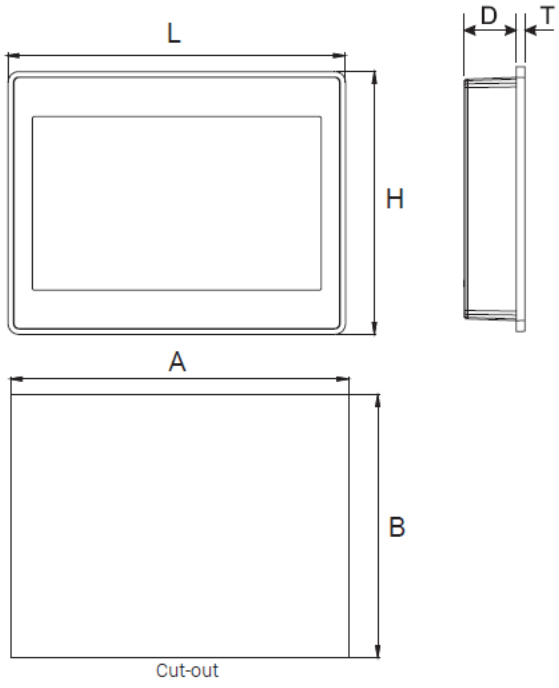
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eX07ES – Type 705070/4-x-13-...





Cut-out

Screen type		TFT color screen
Touch technology		Resistive
Screen size (diagonal)		Approx. 17.8 cm (7")
Resolution		800 × 480
Number of colors		64k
Brightness (luminance)	typ.	200 cd/m^2
Backlight		LED (dimmable)
Interfaces		1 × Ethernet, 1 × USB host, 1 × serial
Voltage supply		DC 24 V (10 to 32 V)
Current consumption		0.3 A at DC 24 V
Installation type		Installation in panel cut-out
Dimensions L × H × (D + T)		187 mm × 147 mm × (29 + 5) mm
Front panel depth T		5 mm
Mounting depth D		29 mm
Panel cut-out A × B		176 mm × 136 mm
Weight		Apprpx. 0.6 kg
Protection type		IP66 (front side), IP20 (rear side)
Operating temperature range		0 to 50 °C (vertical mounting)
Storage temperature range		-20 to +70 °C
Resistance to climatic conditions		Relative humidity 5 to 85 %, non-condensing
Approvals		cULus, DNV GL
Model (www.exorint.com)		eSMART07M

The complete technical data as well as further technical information can be found in the manufacturer's original documents (www.exorint.com).

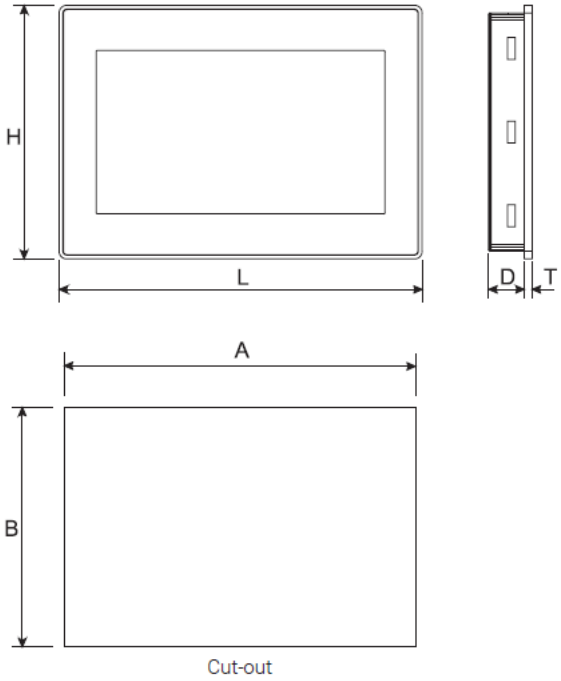
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eX10ES – Type 705070/4-x-23-...





Cut-out

Screen type		TFT color screen
Touch technology		Resistive
Screen size (diagonal)		Approx. 25.7 cm (10.1")
Resolution		1024 × 600
Number of colors		64k
Brightness (luminance)	typ.	200 cd/m^2
Backlight		LED (dimmable)
Interfaces		1 × Ethernet, 1 × USB host, 1 × serial
Voltage supply		DC 24 V (10 to 32 V)
Current consumption		0.38 A at DC 24 V
Installation type		Installation in panel cut-out
Dimensions L × H × (D + T)		282 mm × 197 mm × (29 + 6) mm
Front panel depth T		6 mm
Mounting depth D		29 mm
Panel cut-out A × B		271 mm × 186 mm
Weight		Approx. 1.0 kg
Protection type		IP66 (front side), IP20 (rear side)
Operating temperature range		0 to 50 °C (vertical mounting)
Storage temperature range		-20 to +70 °C
Resistance to climatic conditions		Relative humidity 5 to 85 %, non-condensing
Approvals		cULus, DNV GL
Model (www.exorint.com)		eSMART10

The complete technical data as well as further technical information can be found in the manufacturer's original documents (www.exorint.com).

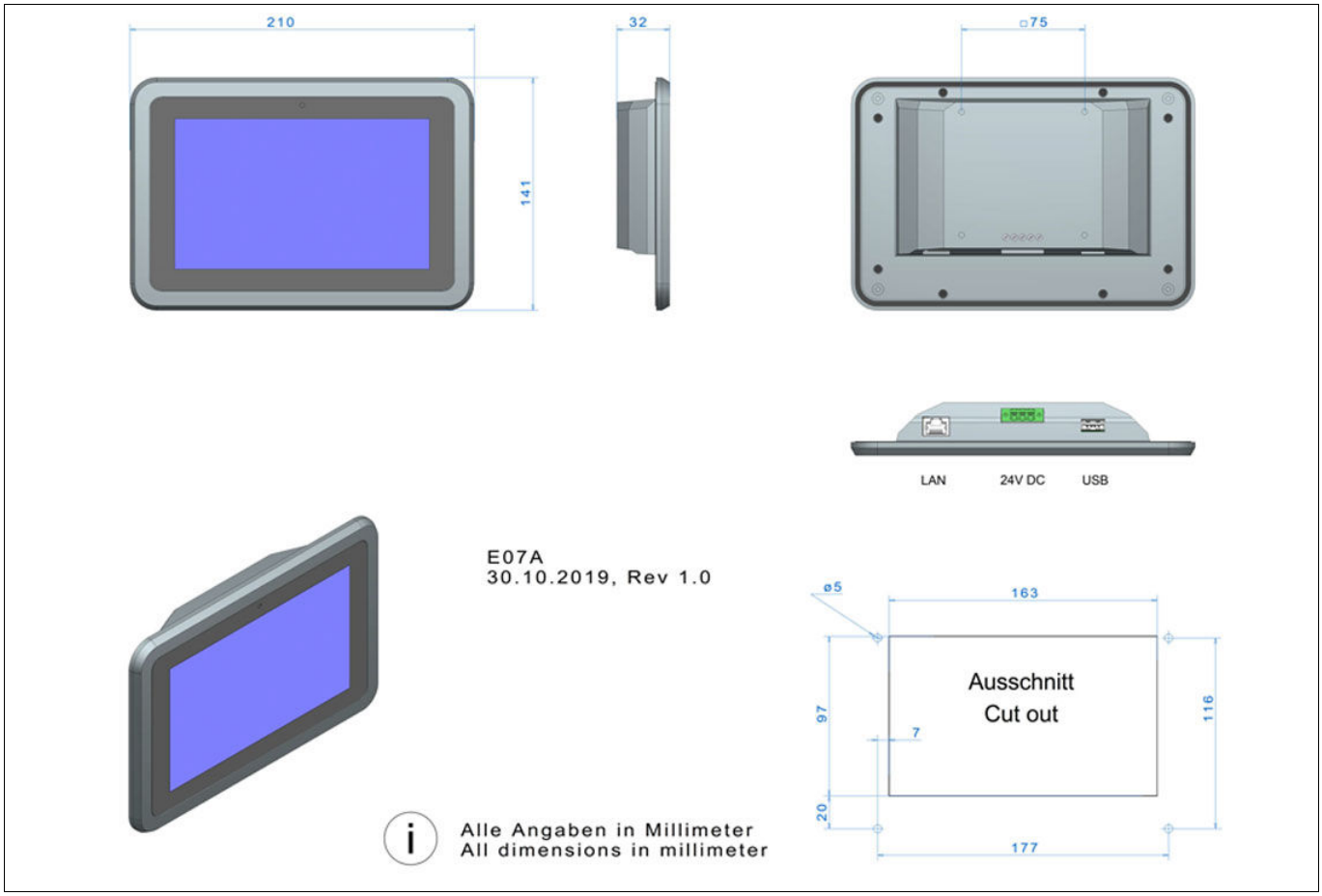
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tci

E07A-XI – Type 705070/5-x-14-...



Screen type	TFT color screen
Touch technology	Capacitive, multi-touch operation
Screen size (diagonal)	Approx. 17.8 cm (7")
Resolution	1024 × 600
Backlight	LED
Interfaces	1 × Ethernet, 1 × USB host
Voltage supply	DC 24 V
Installation type	Installation in panel cut-out (or VESA 75 fastening)
Dimensions	210 mm × 141 mm × 32 mm
Panel cut-out	163 mm × 97 mm
Weight	Approx. 0.45 kg
Protection type	At the front IP54, at the rear IP20
Operating temperature range	0 to 60 °C[a]
Storage temperature range	0 to 70 °C
Resistance to climatic conditions	Relative humidity 10 to 90 %, non-condensing
Approvals	Not available
Model (www.tci.de)	E07A-XI

[a] Depending on components, cooling concept and equipment.

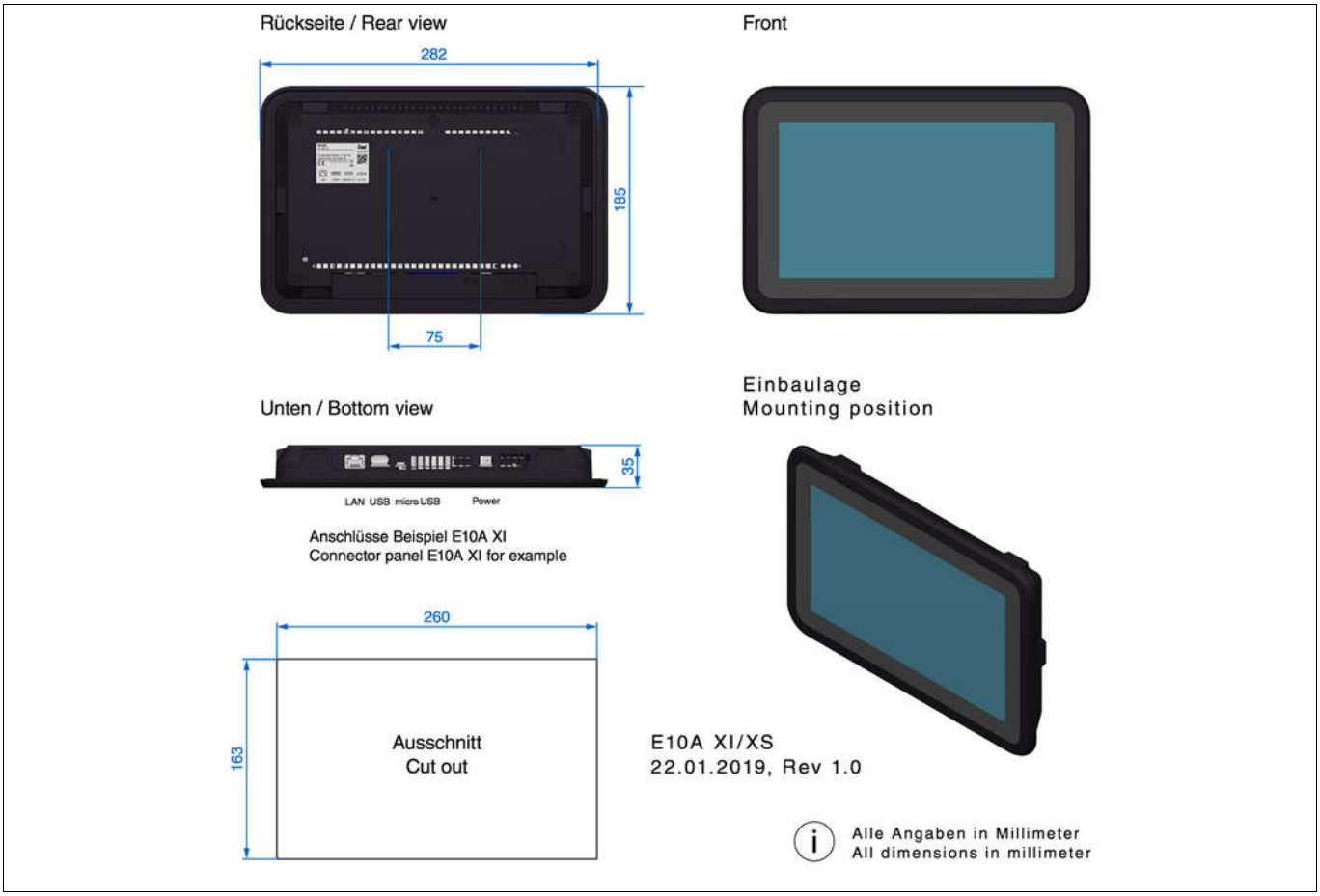
The complete technical data as well as further technical information can be found in the manufacturer's original documents (www.tci.de).

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E10A-XI – Type 705070/5-x-24-...



Screen type	TFT color screen
Touch technology	Capacitive, multi-touch operation
Screen size (diagonal)	Approx. 25.4 cm (10")
Resolution	1024 × 600
Backlight	LED
Interfaces	1 × Ethernet, 1 × USB host, 1 × USB device, 1 × serial
Voltage supply	DC 24 V
Installation type	Installation in panel cut-out (or VESA 75 fastening)
Dimensions	282 mm × 185 mm × 35 mm
Panel cut-out	260 mm × 163 mm
Weight	Approx. 1.0 kg
Protection type	At the front IP54, at the rear IP20
Operating temperature range	0 to 50 °C[a]
Storage temperature range	0 to 70 °C
Resistance to climatic conditions	Relative humidity 10 to 90 %, non-condensing
Approvals	cULus
Model (www.tci.de)	E10A-XI

[a] Depending on components, cooling concept and equipment.

The complete technical data as well as further technical information can be found in the manufacturer's original documents (www.tci.de).

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Order details

	(1)	**Basic type**
705070		Web panel with TFT-touchscreen
	(2)	**Basic type extension**
1		EXOR Standard eX
2		EXOR Food & Beverage eXFB
3		EXOR JSmart eXJS
4		EXOR eSMART eXES
5		tci E-Serie E-XI
	(3)	**Version**
8		Standard with default settings
	(4)	**Screen size (diagonal)**[a]
03		4.3" eX04ES
10		7" eX707
11		7" eX707FB
12		7" eX707JS
13		7" eX07ES
14		7" E07A-XI
20		10.1" eX710
22		10.1" eX710JS
23		10.1" eX10ES
24		10" E10A-XI
30		15.6" eX715
31		15.6" eX715FB
32		15.6" eX715JS
40		21.5" eX721
42		21.5" eX721JS
	(5)	**Technology**[a]
0		Resistive
1		Capacitive
	(6)	**Voltage supply**[a]
40		IEEE 802.3af PoE
41		DC 24 V
	(7)	**Extra codes**[b]
000		Without approval
061		With UL approval
062		With DNV GL approval

[a] The selection options are dependent on the basic type extension.

[b] The extra codes are dependent on the basic type extension and cannot be selected when ordering.

	(1)		(2)		(3)		(4)		(5)		(6)
Order code	705070	/		-	8	-		-		-	
Order example	705070	/	1	-	8	-	20	-	1	-	36