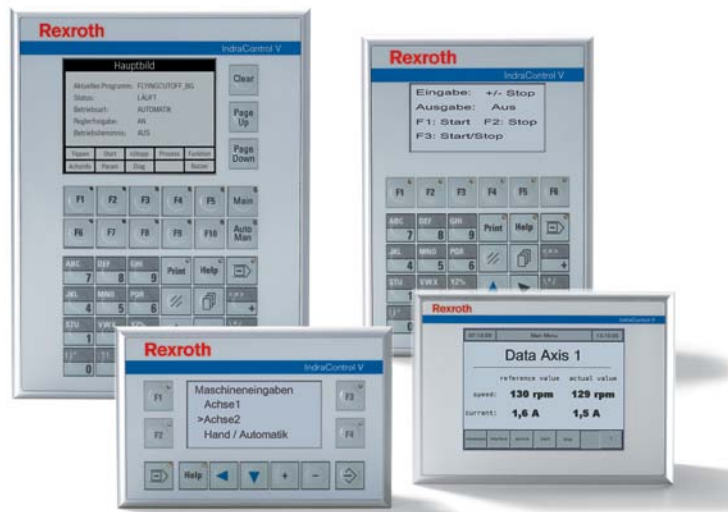


Compact operator terminals

3,8" FSTN-Display.

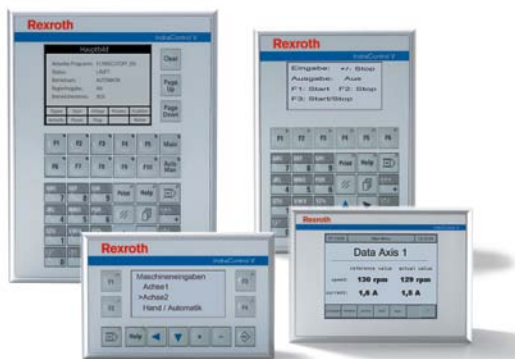
IndraControl VCP 02



Compact operator terminals

3,8" FSTN-Display. ■ IndraControl VCP 02

Documentation



These controller-based compact operator terminals allow you to edit your production data simply by pressing a key or touching the screen. The terminal versions cover a range from simple small graphics displays to touchscreens with full graphics capabilities – with the number of function keys depending on the terminal design. The comprehensive interface range fulfills nearly all your communications needs, whether Ethernet TCP/IP, field bus or serial.

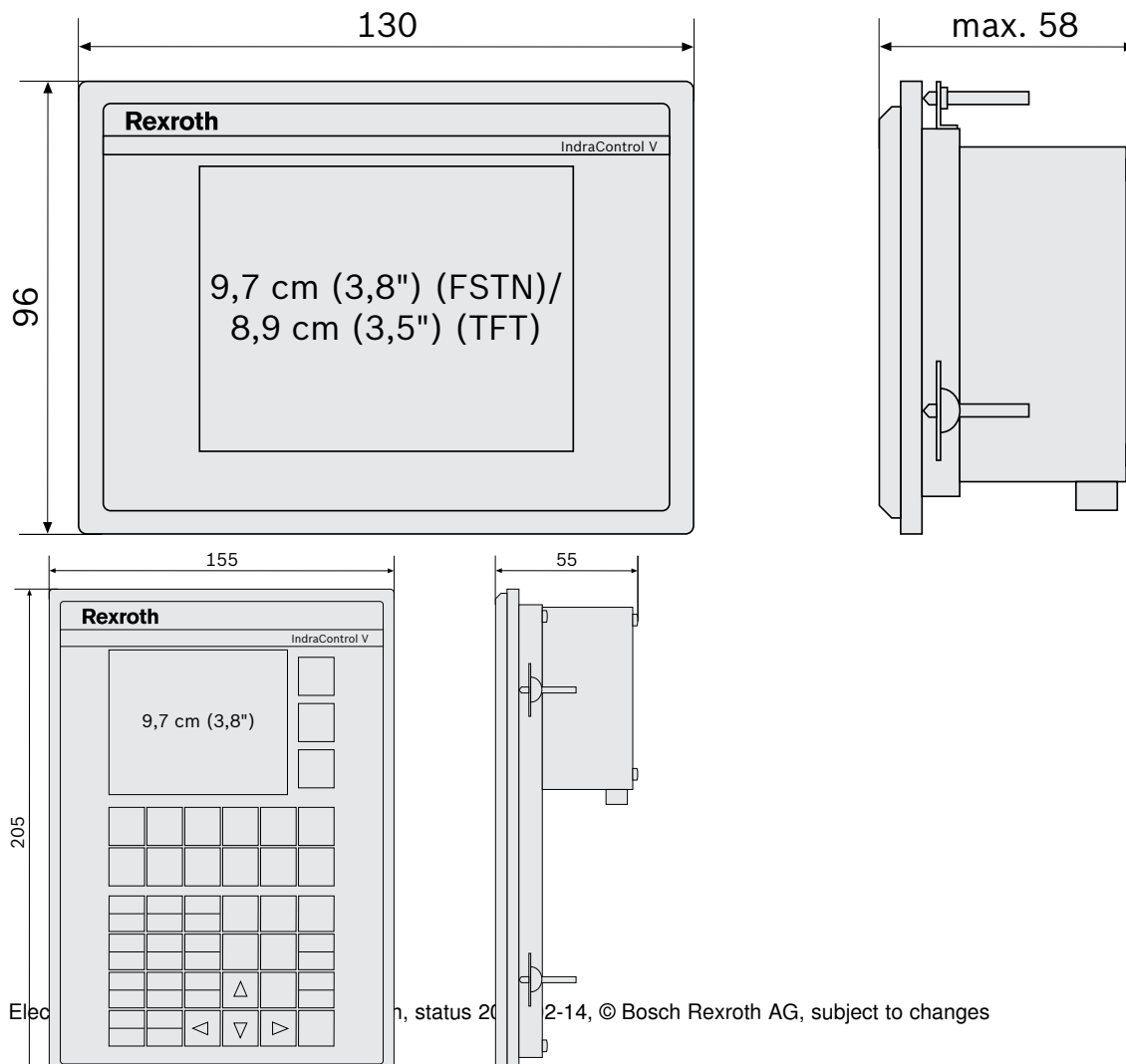
Technical data

	VCP 02.2	VCP 05.2	VCP 08.2	VCP 11.2	VCP 11.2T
Processor					
CPU	RISC ARM9 200MHz	RISC ARM9 200MHz	RISC ARM9 200MHz	RISC ARM9 200MHz	RISC ARM9 200MHz
Memory					
Application	3 MB	3 MB	3 MB	3 MB	3 MB
Flash size	16 MB	16 MB	16 MB	16 MB	16 MB
Slot	1	1	1	1	1
Display					
Type	FSTN	FSTN	FSTN	FSTN	TFT
	text orientated	text orientated	graphic orientated	graphic orientated	graphic orientated
Size	7.6 cm (3")	7.6 cm (3")	9.7 cm (3.8")	9.7 cm (3.8")	8.9 cm (3.5")
Colors/gray tones	5	5	5	5	256
	grey tones	grey tones	grey tones	grey tones	Colors
Resolution	160 x 80	160 x 80	320 x 240	320 x 240	320 x 240
Operation					
Type	Function keys	Function keys	Function keys	Touch screen	Touch screen
	keyboard operation	keyboard operation	keyboard operation	touch operation	touch operation
Function keys	4	6	15	0	0
... with LED	4	6	12	0	0
System keys	7	24	24	0	0
... with LED	2	3	3	0	0
Interfaces					
Ethernet	1 x Ethernet TCP/ IP (Default)	1 x Ethernet TCP/ IP (Default)	1 x Ethernet TCP/ IP (Default)	1 x Ethernet TCP/ IP (Default)	1 x Ethernet TCP/ IP (Default)
USB	2 x USB-Host (Default)	2 x USB-Host (Default)	2 x USB-Host (Default)	2 x USB-Host (Default)	2 x USB-Host (Default)

Compact operator terminals

3,8" FSTN-Display. ■ IndraControl VCP 02

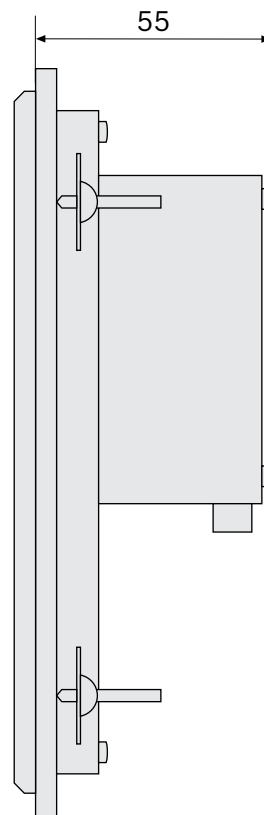
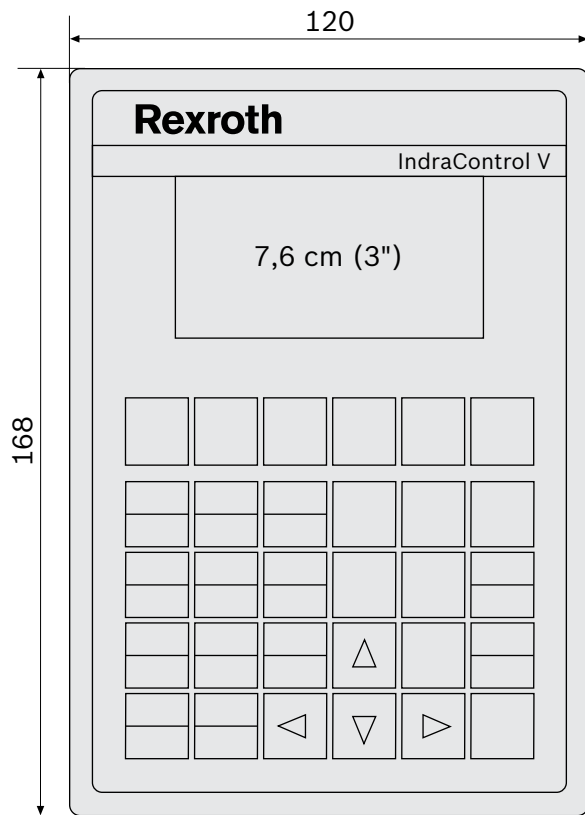
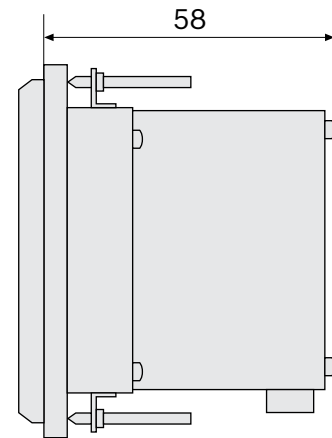
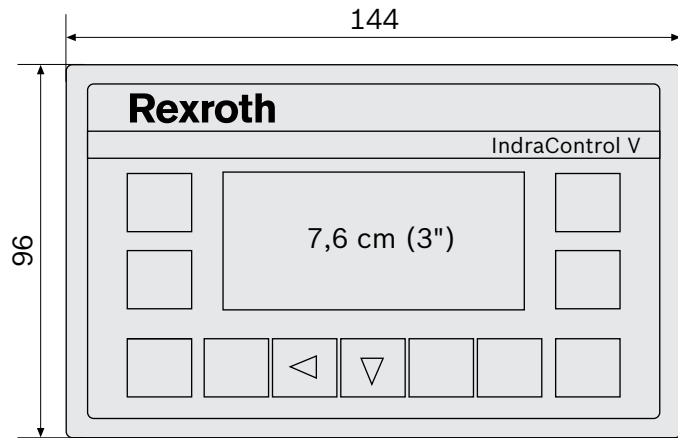
Other		RS232/RS485 (Optional)	RS232/RS485 (Optional)	RS232/RS485 (Optional)	RS232/RS485 (Optional)	RS232/RS485 (Optional)
Fieldbus						
PROFIBUS		1 x PROFIBUS DP-Slave (Optional)	1 x PROFIBUS DP-Slave (Optional)	1 x PROFIBUS DP-Slave (Optional)	1 x PROFIBUS DP-Slave (Optional)	1 x PROFIBUS DP-Slave (Optional)
Electrical data						
Supply voltage	U	24 V DC	24 V DC	24 V DC	24 V DC	24 V DC
Min.	U _{min}	19 V DC	19 V DC	19 V DC	19 V DC	19 V DC
Max.	U _{max}	30 V DC	30 V DC	30 V DC	30 V DC	30 V DC
Power consumption	[W]	6	6	6	6	4.8
Protection						
Category at front		IP65	IP65	IP65	IP65	IP65
Category at rear		IP20	IP20	IP20	IP20	IP20
Ambient conditions						
Permissible temperature (operation)		+5 °C ... +45 °C				
Permissible relative humidity (operation)		5 % ... 85 %, EN 61131-2				

Dimensions

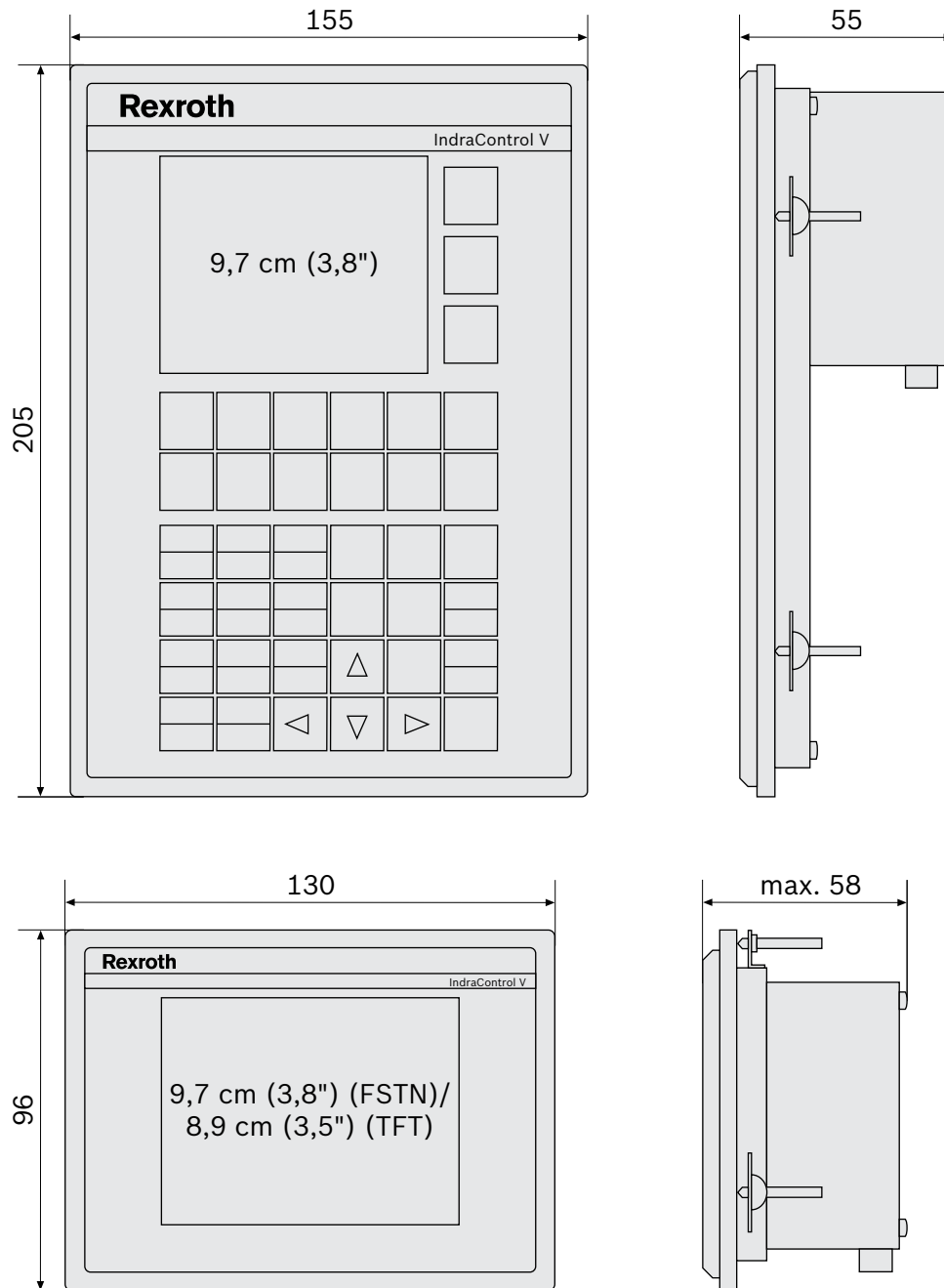
Compact operator terminals

3,8" FSTN-Display. ■ IndraControl VCP 02

		VCP 02.2	VCP 05.2	VCP 08.2	VCP 11.2	VCP 11.2T
Dimensions						
Height H	[mm]	96	168	205	96	96
Width B	[mm]	144	120	155	130	130
Depth T	[mm]	58	55	55	55	58



Compact operator terminals

3,8" FSTN-Display. ■ IndraControl VCP 02**Ordering information**

Type code	Description	Part number:
VCP02.2DRN-003-NN-NN-PW	IndraControl VCP 02	R911311488

Compact operator terminals

3,8" FSTN-Display. ■ IndraControl VCP 02

Type code	Description	Part number:
VCP02.2DRN-003-SR-NN-PW	IndraControl VCP 02 with serial interfaces	R911311490
VCP02.2DRN-003-PB-NN-PW	IndraControl VCP 02 with PROFIBUS DP-Slave	R911311491

Type code	Description	Part number:
VCP05.2DSN-003-NN-NN-PW	IndraControl VCP 05	R911311493
VCP05.2DSN-003-SR-NN-PW	IndraControl VCP 05 with serial interfaces	R911311494
VCP05.2DSN-003-PB-NN-PW	IndraControl VCP 05 with PROFIBUS DP-Slave	R911311495

Type code	Description	Part number:
VCP08.2DTN-003-NN-NN-PW	IndraControl VCP 08	R911311497
VCP08.2DTN-003-SR-NN-PW	IndraControl VCP 08	R911311498
VCP08.2DTN-003-PB-NN-PW	IndraControl VCP 08 with PROFIBUS DP-Slave	R911311499

Type code	Description	Part number:
VCP11.2DWN-003-NN-NN-PW	IndraControl VCP 11	R911311509
VCP11.2DWN-003-SR-NN-PW	IndraControl VCP 11 with serial interfaces	R911311510
VCP11.2DWN-003-PB-NN-PW	IndraControl VCP 11 with PROFIBUS DP-Slave	R911311511

Type code	Description	Part number:
VCP11.2ECN-003-NN-NN-PW	IndraControl VCP 11 with DeviceNet-Slave	R911171031
VCP11.2ECN-003-PB-NN-PW	IndraControl VCP 11 with DeviceNet-Slave	R911170996

Accessories

Type code	Description	Part number:
VAS04.1-001-002-NN	Battery-Kit	R911316662

Documentation

Type code	Description	Part number:
DOK-SUPPL*-VCP*02.2***-PR02-DE-P	IndraControl VCP 02	R911310374
DOK-SUPPL*-VCP*02.2***-PR02-EN-P	IndraControl VCP 02	R911310375
DOK-SUPPL*-VCP*05.2***-PR02-DE-P	IndraControl VCP 05	R911310376
DOK-SUPPL*-VCP*05.2***-PR02-EN-P	IndraControl VCP 05	R911310377
DOK-SUPPL*-VCP*08.2***-PR02-DE-P	IndraControl VCP 08	R911310378
DOK-SUPPL*-VCP*08.2***-PR02-EN-P	IndraControl VCP 08	R911310379
DOK-SUPPL*-VCP*11.2***-PR03-DE-P	IndraControl VCP 11	R911311480
DOK-SUPPL*-VCP*11.2***-PR03-EN-P	IndraControl VCP 11	R911311481

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It must be remembered that our products are subject to a natural process of wear and aging.