



06248E00

**WebCode ET-65A**

- > Cost-effective systems for smaller and medium-sized operating tasks
- > Marine approvals by GL and DNV
- > Applications
  - Tankfarm automation
  - Access control
  - Compressor rooms on LNG tankers
  - Operator interfaces for automation technology
- > Highlights
  - Connectivity to all major automation systems and PC networks
  - Easy integration of card reader systems
  - Extended temperature range for outdoor installation
  - Engineering with SPSPPlusWIN Lite




	ATEX / IECEx					
Zone	0	1	2	20	21	22
Ex interface		x	x		x	x
Installation in		x	x		x	x

**A7**

Technical Data				
Version	ET-65	ET-75	ET-125	ET-125-A
Explosion protection				
ATEX	Ⓜ II 2 G EEx ia IIC / IIB T4, - 20°C ≤ Ta ≤ + 60°C Ⓜ II 2 G EEx ia IIC / IIB T3, - 20°C ≤ Ta ≤ + 70°C Ⓜ II 2 D Ex iaD 21 T70°C / 80°C			Ⓜ II 2 G Ex ia IIC/IIB T4/T3 Gb Ⓜ II 2 D Ex ia IIC T70°C/80°C Db
Other certificates	UL Brasil, GOST-R, GL (C, EMC 2), DNV			
Display				
Version	LCD monochrome graphic display	LCD monochrome graphic display	LCD monochrome graphic display	LCD monochrome graphic display
Size	134 x 40.4 mm	114 x 64 mm	114 x 64 mm	114 x 64 mm
Resolution	240 x 64 pixels	240 x 128 pixels	240 x 128 pixels	240 x 128 pixels
Background lighting	LED backlight with additional power supply 9143	LED backlight with additional power supply 9143	LED backlight with additional power supply 9143	LED backlight with additional power supply 9143
Enclosure	robust plastic enclosure	robust plastic enclosure	robust plastic enclosure	stainless steel enclosure, aluminium front plate base
Operation				
Keyboard	polyester membrane on FR4 material > 1 million actions	polyester membrane on FR4 material > 1 million actions	polyester membrane on FR4 material > 1 million actions	polyester membrane on FR4 material > 1 million actions
Function keys	16	8	16	16
Softkeys	4	--	8	8
Alphanumeric keys and system keys	23	23	23	23
Dimensions [mm]				
Front (WxH)	290 x 146 mm	290 x 146 mm	312 x 192 mm	312 x 202 mm
Cutout (WxHxD)	275 x 131 x 80 mm	275 x 131 x 80 mm	300 x 180 x 80 mm	300 x 180 x 80 mm

### Selection Table

Version	Display Size	Function keys	Interfaces	Order number	Art. no.	PS	Weight kg
ET-65 Basic unit, plastic enclosure  <small>09994E00</small>	134 x 40.4 mm	16	RS-422	<b>ET-65-RS422</b>	<b>103971</b>	40	3.000
ET-75 Basic unit, plastic enclosure  <small>09992E00</small>	114 x 64 mm	8	RS-422	<b>ET-75-RS422</b>	<b>103975</b>	40	3.000
ET-125 Basic unit, plastic enclosure  <small>09993E00</small>	114 x 64 mm	16	RS-422	<b>ET-125-RS422</b>	<b>103978</b>	40	4.000
ET-125-A Basic unit, stainless steel enclosure  <small>09993E00</small>	114 x 64 mm	16	RS-422	<b>ET-125-A-RS422</b>	<b>207743</b>	40	4.000

**Note** Please quote the additions to the order number as separate positions

### Order Number Supplement

Interfaces	additional WCR Interface for e.g. Ex i Wiegand reader	<b>ET-xx-WCR</b>	<b>166485</b>	40	
	additional RSi interface e.g. for barcode reader	<b>ET-xx-RSi</b>	<b>166486</b>	40	

### Ordering example

Version:

ET-65 as complete package, which can be connected to an automation system with serial interface RS-232 or RS-422, completely fitted in a stainless steel housing for outdoor installation from - 20 ... + 70 °C

Ordering:

Pos.	Ordering code
1	ET-65-Pack
2	HSG-ET-65-V4A
2.1	HSG-ET-65-V4A-B

Selection Table					
Version	Description	Order number	Art. no.	PS	Weight kg
Package serial	Complete package consisting of: • Basic unit ET-xx-RS422 • 2 x power supply 9143/10-114-200-10 • Fieldbus isolator 9185/11-45-10 • Cable VB-299	<b>ET-65-set</b>	<b>104466</b>	40	5.000
		<b>ET-75-Pack</b>	<b>104469</b>	40	5.000
		<b>ET-125-Pack</b>	<b>104472</b>	40	5.000
Package Profibus DP	Complete package consisting of: • Basic unit ET-xx-RS422 • 2 x power supply 9143/10-114-200-10 • Fieldbus bridge 9185/11-46-10 • Cable VB-299	<b>ET-65-DP-Pack</b>	<b>104467</b>	40	5.000
		<b>ET-75-DP-Pack</b>	<b>104470</b>	40	5.000
		<b>ET-125-DP-pack</b>	<b>104473</b>	40	5.000
Package MPI	Complete package consisting of: • Basic unit ET-xx-RS422 • 2 x power supply 9143/10-114-200-10 • Fieldbus isolator 9185/11-45-10 • MPI Box SSW 7-RK512-RS-232 • Cable VB-301 • Cable VB-299	<b>ET-65-MPI-Pack</b>	<b>104468</b>	40	5.000
		<b>ET-75-MPI-Pack</b>	<b>104471</b>	40	5.000
		<b>ET-125-MPI-Pack</b>	<b>104474</b>	40	5.000
Package TAS WCR	Complete package consisting of: • HSG-ET-xx-TAS, stainless steel V4A Dimensions (WxHxD): 360 x 360 x 230 mm, completely with installation of – Basic unit ET-xx-RS422 with WCRi – Ex-d power supplies 85 ... 230 V AC – WCRi-HID-Swipe	<b>ET-125-A-TAS-WCR-Pack</b>	<b>207744</b>	40	10.000
Package TAS MIF	Identical to package TAS WCR but with Mifare reader instead of Wiegand reader	<b>ET-125-A-TAS-MIF-Pack</b>	<b>207745</b>	40	10.000

Accessories and Spare Parts					
Designation	Version	Order number	Art. no.	PS	Weight kg
Polyester enclosure	• dimensions (WxHxD): 340 x 340 x 91 mm • with lid cutout	<b>HSG-ET-65-P</b>	<b>104312</b>	42	4.000
		<b>HSG-ET-75-P</b>	<b>104318</b>	42	4.000
		<b>HSG-ET-125-P</b>	<b>104324</b>	42	4.000
Stainless steel enclosure V4A	• dimensions (WxHxD): 360 x 360 x 91 mm • with lid cutout	<b>HSG-ET-65-V4A</b>	<b>104314</b>	42	5.500
		<b>HSG-ET-75-V4A</b>	<b>104320</b>	42	5.500
		<b>HSG-ET-125-V4A</b>	<b>104326</b>	42	5.500
Stainless steel enclosure V4A	incl. heater, controller, junction box (enclosure depth 230 mm)	<b>HSG-ET-65-V4A-H</b>	<b>104316</b>	42	6.500
		<b>HSG-ET-75-V4A-H</b>	<b>104322</b>	42	6.500
		<b>HSG-ET-125-V4A-H</b>	<b>202177</b>	42	6.500
Stainless steel enclosure V4A	incl. breathing gland for avoiding water of condensation	<b>HSG-ET-65-V4A-B</b>	<b>104315</b>	42	6.000
		<b>HSG-ET-75-V4A-B</b>	<b>104321</b>	42	6.000
		<b>HSG-ET-125-V4A-B</b>	<b>202176</b>	42	6.000
Power supply	power supply, 24 V DC; DIN rail mounting	<b>9143-10-114-200-10</b>	<b>104272</b>	43	0.004
	power supply, 85 - 253 V AC; DIN rail mounting	<b>9143-10-114-200-20</b>	<b>104273</b>	43	0.200
Isolating repeater	field bus isolating repeater, serial, DIN rail mounting	<b>9185/11-45-10</b>	<b>104224</b>	43	0.200
	field bus bridge Profibus DP, DIN rail mounting	<b>9185/11-46-10</b>	<b>104237</b>	43	0.200

## Accessories and Spare Parts

Designation	Version	Order number	Art. no.	PS	Weight kg
Interface converter	interface converter for TTY to RS-232	<b>SK-PSM-ME-TTY-RS-232</b>	<b>104191</b>	42	0.200
	field bus bridge from Modbus TCP to RTU in addition to 9185/11-45-10	<b>SK-FB-Cobox</b>	<b>104197</b>	42	0.200
	S7 MPI bus adapter with RS-232 interface, DIN rail mounting, no handling module required	<b>MPI-Box-SSW7-RK512-RS-232</b>	<b>104194</b>	42	0.100
Ex i barcode scanner	handheld scanner with Ex i interface	<b>BCSi-SK200-RSST</b>	<b>104240</b>	42	1.000
BCSi wall holder	Wall holder, incl. mounting material	<b>BCSi-SK200-Wall-holder</b>	<b>202715</b>	43	1.000
Intrinsically safe swipe reader	Wiegand effect reader with WCRi interface	<b>WCRi-HID-Swipe</b>	<b>104247</b>	43	0.500
Proximity card reader, intrinsically safe	Ex i Mifare card reader with RSi interface	<b>RFIDi-RDR-1-MIF</b>	<b>202714</b>	43	1.000
Wiegand cards	100 sensor cards with Wiegand stripe regular vinyl, ink-jet card number on back 26-bit code H10301 with site / facility code 1 and continuous card number from 001 ... 100 cards printed externally with card number 001 ... 100	<b>HID-SensorH10301-white100</b>	<b>207746</b>	43	0.500
Mifare cards	10 MIFARE proximity access cards 1K S50 - ISO 14443, front side (front packaging): vinyl bright white, back STAHL logo, ink-jet site code and card number Code: 16-bit customer number: 0 16-bit site / facility code: 1 and continuous card number from 001 ... 010 cards printed externally with site code and card number 00001 - 00001 ... 00010	<b>Mifare-1K-S50-ISO14443-S-10</b>	<b>207747</b>	43	0.100
	100 Mifare cards, same as above, but card number 1 ... 100	<b>Mifare-1K-S50-ISO14443-S-100</b>	<b>207749</b>	43	1.000
Connecting cable	9185 => MPI Box	<b>VB-301</b>	<b>104165</b>	43	0.200
	9185 => terminal strip, blue	<b>VB-299</b>	<b>104163</b>	43	0.200
	Exicom Falcon => PC MT-65 / MT-125 => PC	<b>VB-300</b>	<b>104164</b>	43	0.200
	extension of scanner interface to flange socket M12	<b>VB-BC-3</b>	<b>166457</b>	43	0.200
Field cable	blue, LIYCY 6 x 2 x 0.75 mm <sup>2</sup> Price per metre	<b>VB-6x2x0,75-bl</b>	<b>104178</b>	43	--
Software	project engineering software for all Falcon operator interfaces	<b>SPSPlus-Win-LITE-5.xx</b>	<b>202153</b>	40	--
	update to current version	<b>SPSPlusWin-LITE-5.xx-Update</b>	<b>202154</b>	40	--
Handling modules	for S7 Profibus DP	<b>HB-S7-DP</b>	<b>104126</b>	40	--