



10872E00

Exicom Series ET-316

- Operator Interface
- Installation in
 - Zones 1 and 2
 - Zones 21 and 22
- 24V power supply directly in integrated Ex-e terminal box
- Ex-e and Ex-i serial connections
- Connected via screw terminals
- Operating system software, project design with SPSPPlusWIN
- System compatibility with Exicom ET-8A, ET-12 and ProVicom MT-300

Selection table

Version	Options			Ordering code	Weight
	Option 1	Option 2	Option 3		
ET-316	--	--	--	ET-316	12,500
	Wiegand-Interface Ex-i	--	--	ET-316-WC Ri	12,500
	Barcode/ RS-232 Ex-i	--	--	ET-316-RS i	12,500

Technical Data

Explosion protection	II 2 (2) G Ex de mb ib [ib] [op is] IIC T4 II 2 D Ex tD A21 IP65 T90°C
Certificates	ATEX
Display and keyboard	
Display	
Specification	TFT Color, 64K colours
Cover	Touch screen on glass
Lighting	CFL Backlight
Size	10.4"
Resolution	SVGA 800 x 600 pixels
Touch screen	8-wire analogue resistive
Keyboard	
Specification	Polyester membrane on FR4 material; > 1 million acitons
Function keys	12
Memory configuration	
Main memory	64 MB
Data memory	64 MB
Interfaces	
Specification	
Serial	RS-422, RS-485, RS-232
USB	Ex-e and Ex-i
Fieldbus	Profibus with 9185/11-46-10 MPI with MPI-Box SSW7-RK512-RS-422
Ethernet	100Base-Fx LWL (Ex op is)
Readers	optional: Barcode Scanner, Wiegand Reader, Proximity Reader
Auxiliary power	24 V DC; 1.3 A
Nominal values	

Technical Data

Ambient conditions

Ambient temperature

Operation

-10°C ... +55°C

Storage

-20°C ... +60°C

Shock

Operation: 150 m/s² = approx. 15 g / 11 ms

Transport: 250 m/s² = approx. 25 g / 6 ms

Vibration

Operation: 3 to 22 Hz: 1 mm 22 to 500 Hz: 9.8 m/s² = 1g

Transport: 3 to 9 Hz: 3.5 mm 9 to 500 Hz: 9.8 m/s² = 1g

Humidity

90% at 40°C, non-condensing

Dimensions

Front (W x H)

372 mm x 270 mm

Cut-out (W x H x D)

359.5 mm x 257.5 mm x 150 mm

Accessories

We reserve the right to make alterations to the technical data, weights, dimensions, designs and products available without notice. The illustrations cannot be considered binding.