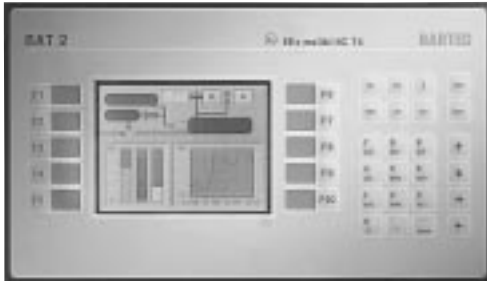




BAT 2



- 320 x 240 pixels
- 16 levels of grey
- 10 function keys
- Extended numeric block

BAT VGA



- 640 x 480 pixels
- 16 colours
- 12 function keys
- Extended numeric block

Features

- Graphics capability 1/4 VGA and VGA
- Monochrome- (1/4) and colour display (VGA)
- Background illumination
- Direct Ex area connection
- Direct connection to PROFIBUS and INTERBUS

Description

The BARTEC graphic display terminals are an extension to the well-known BARTEC EEx i series of terminals. For the first time at all a process visualization unit can be connected directly within the Ex area without the necessity of an additional intrinsically safe isolator card. You no longer need to install blue cables for intrinsically safe power circuits because the display terminal with integrated terminal compartment is mounted within a flameproof enclosure with increased safety type of protection.

The display terminals are available in two different enclosures and with two display resolutions, i.e. monochrome or colour. The integrated background illumination makes sure that high-definition images are displayed.

Graphic process representations are generated with the "BMS-Graf" software package which has been developed and optimized for this terminal.



Explosion protection

Ex protection type
EEx me [ib] IIC T4

Certification
PTB-no. Ex-95.D.2205

Technical data

Dimensions
BAT 2 336 x 194 x 130 mm
BAT VGA 400 x 240 x 130 mm

Weight
approx. 7 kg

Power Supply
DC 24 V/1 A

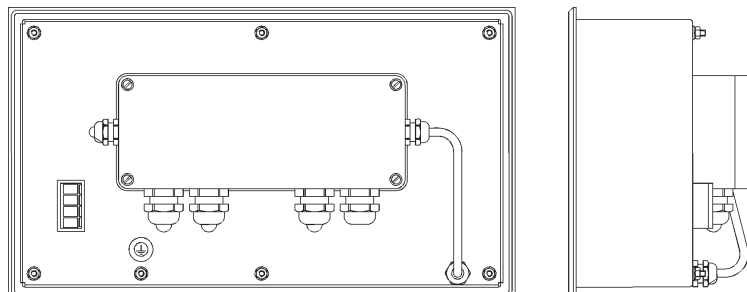
Interfaces
PROFIBUS, INTERBUS, RS 232, RS 422, TTY

Inputs
4 digital inputs (optocoupler)
DC 24 V

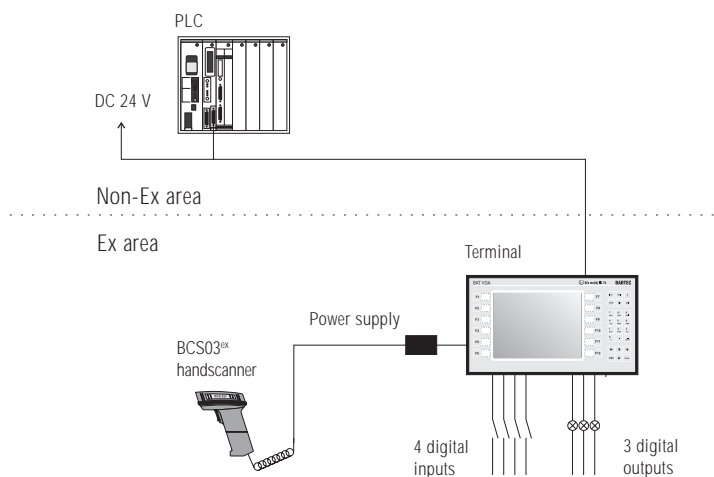
Outputs
3 digital outputs (Reed-relay),
NO contact: max. DC 60 V/0.5 A

Protection class
IP 65 (front-side)

Rear view



Possible connection



Selection chart

Terminal	Display	COM 1	COM 2	Order No.
BAT 2	monochrome	TTY	RS 232	17-71P1-1423
BAT VGA	colour	TTY	RS 232	17-71P7-1423
BAT VGA	colour	RS 232	PROFIBUS	17-71P7-1437
BAT VGA	colour	RS 232	INTERBUS	17-71P7-1438

(further interface combinations on request)