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Find the *Pilz PXT 5 PGS5* at our website: *Click HERE*

S5-PG-Interface
PXT 5 PGS5



Compact operator terminal with serial interface for connection to a Siemens SIMATIC S5.

Features

- Vacuum fluorescent display with automatic dimmer
- 2 lines of 20 characters
- 5 function keys

Technical Details	PXT 5 PGS5
Display	
Display type	Vacuum fluorescent display
Number of lines	2
Number of characters per line	20
Height of character	5 mm
Dot matrix	5 x 7 dots
Character sets	IBM character set: (code page 437) Alphanumeric characters including European special characters plus the Cyrillic (Russian) character set
Message texts	max. 9999, typically 1250 (memory-dependent)
Representation of variables	8 variables per message, max 10 digits
Hard copies	Yes
Brightness setting	Automatic dimmer (can be switched on)
Text memory	Flash-EPROM, 64 KByte
Operating elements	
Keyboard type	Sealed membrane keypad with positive feedback
Number of keys	5 function keys
Average service life	$\geq 1 \cdot 10^6$ switching cycles
Printers	
Printers supported	H PP 100, IP 144-40
Interfaces	
Start-up interface	S5-PG-interface: TTY passive, active 9 pin D-sub female connector
Programming interface	Serial interface: RS 232, 9 pin D-sub male connector
Printer interface	Serial interface: RS 232, 9 pin D-sub male connector
Electrical data	
Supply voltage	24 V DC
Tolerance	18 ... 32 VDC including residual ripple
Power consumption	approx. 3.5 W
Environmental data	
Protection type (EN 60529, 10/91)	Front: IP 65 Back: IP 20
Ambient temperature (IEC 68-2-14)	0 ... 55 °C
Storage temp. (IEC 68-2-1, IEC 68-2-2)	-20 ... +70 °C
Climatic suitability (IEC 68-2-3)	max. 85 % humidity
Vibration (IEC 68-2-6, 1969)	33 Hz, 1 mm amplitude, 5 g
Mechanical data	
Housing material	Front: Polyester Back: Stainless steel
Dimensions (H x W x D)	72 x 144 x 75 mm
Weight	700 g

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S5-PG-Interface
PXT 5 PGS5

Description

The operator terminal has an interface for direct connection via the AS 511-protocol to the PG-interface of the Siemens SIMATIC S5. The PLC data sources are allocated to the text file by parameterising. The data exchange between the control and operator terminal runs entirely automatically with the aid of the driver protocol. No further programming is necessary on the control side.

A flash EPROM is integrated as the text memory. Message texts, variables and control characters are edited using the configuration tool PX-PRO.

The operator terminal is able to use the IBM character set. The PX 5 PGS5 also has the Cyrillic (Russian) character set. It can be mixed with the Latin character set.

A light sensor, which can be switched off, regulates the brightness of the display depending on the brightness of the surrounding area.

Functions

- Transmitting key codes
- Calling up text
- Inserting variables
- Menu functions for S5-control
- Hard copy
- Operation of text monitor
- Scrolling

Order data	PXT 5 PGS5

Designation	Order number
PXT 5PGS5	308 694

Accessories

Designation	Order number
PX-PRO for Windows® 95/98/NT 4.0 (incl. serial programming cable)	307 447
PX-PRO for Windows® 95/98/NT 4.0 update	307 448
H-PX/PXT-PGS5 (connection cable to the S5-PG-interface)	374 143
Serial programming cable	310 300

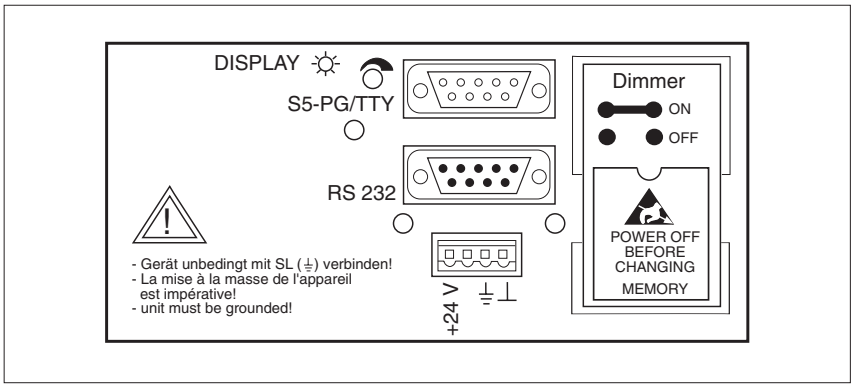
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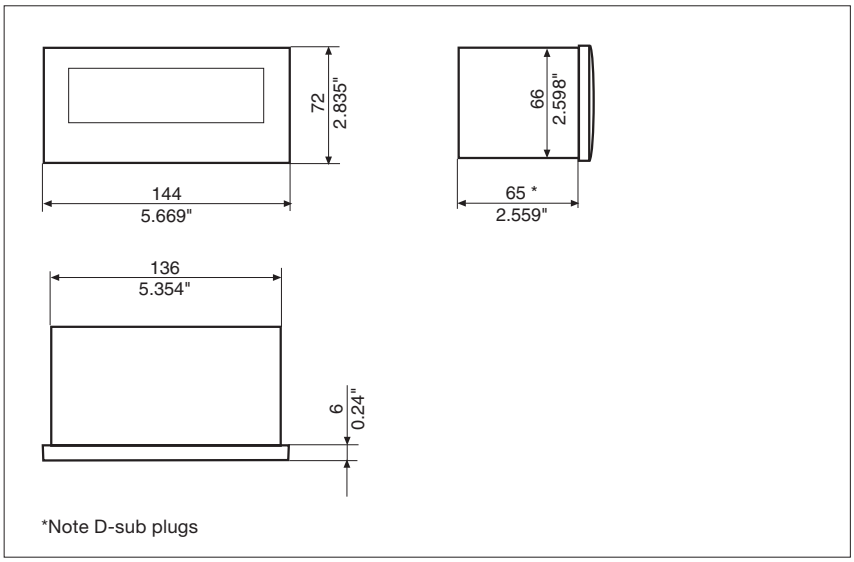
S5-PG-Interface

PXT 5 PGS5

Rear View

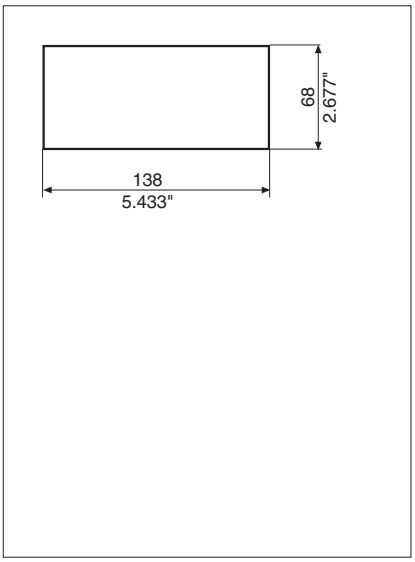


Dimensions (in mm/")



*Note D-sub plugs

Assembly cut-out (in mm/")



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