

Datasheet - USP-100-M24BS/8

Elevator positioning system USP / USP 100



(Minor differences between the printed image and the original product may exist!)

- for shaft heights up to 130
- Different interfaces for the connection to different controllers
- low installation cost / little installation effort
- Wear- and maintenance-free
- Absolute values accurate down to the last millimeter

Ordering details

Product type description	USP-100-M24BS/8
Article number	101178573
EAN Code	4030661310596
eCl@ss	27-27-07-03

Approval

Approval



Global Properties

Permanent light	USP 100
Materials	
- Material of the housings	ultramid
Weight	

Mechanical data

Repeat accuracy R	
- under normal elevator ratios	± 1 mm
- at calibration temperature	± 1 mm
Travel distance	130
Conveying speed	6

Ambient conditions

Ambient temperature	
- Min. environmental temperature	-20
- Max. environmental temperature	+60
Protection class	IP54, depending on the receiver cable

Electromagnetic compatibility (EMC)

EMC rating	EN 61000-6-2, EN 12016
Interfering radiation	EN 50081-2, EN 12015

Interface

Interface RS 422	
- Data packet	24 Bit
- Transmission unit	MSB First
- Code	Binary
- Number of read data packets	Single reading technology
- suitable for the following controllers	Georg Kühn Steuerungstechnik, Siemens Simatic S7, Thyssen Krupp LS3

Electrical data

Rated operating voltage	24 +15 / -10
Operating current	180

notice

notice	The specifications with regard to the protection class are related to the entire USP system. Please observe the information contained in the mounting instructions To fit the USP system elements in the elevator shaft, only conventional tools are required.
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Included in delivery

Included in delivery	The USP kit consists of:: Transmitter + receiver, 2 Dampener / Vibration absorber / Silencer, 1 Swing protection, Assembly material, Documentations The signal wire (length), the transmitter connecting cable and the receiver cable are related to the respective application and must be ordered separately.
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Documents

Mounting and wiring instructions (it) 685 kB, 30.01.2018
Code: miuspp01

Mounting and wiring instructions (de, en) 1 MB, 15.07.2010
Code: m_uspp01

Mounting and wiring instructions (pt) 816 kB, 30.01.2007
Code: mpuspp01

Mounting and wiring instructions (de, en) 606 kB, 30.01.2018

Code: m_uspp02

Brochure (de) 601 kB, 18.04.2011

Code: k06aup01

Brochure (it) 614 kB, 25.03.2009

Code: i06aup01

Brochure (en) 611 kB, 18.04.2011

Code: g06aup01

Brochure (es) 844 kB, 25.03.2009

Code: e06aup01

Images



Product photo



Product photo



Product photo



Product photo



Product photo



Product photo
