PU3H96-00000000

Device columns

MOUNTING SYSTEMS

SICK
Sensor Intelligence.

Ordering information

Type	part no.
PU3H96-00000000	2045490

Other models and accessories ➜ www.sick.com/Device_columns

Detailed technical data

Features

Description	Robust device column with two external mounting slots, maximum installation length 965 mm, column height 985 mm PU3 protective device column for mounting suitable safety light curtains and safety light-beam sensors. Protects the devices from mechanical influences from three sides.
Mounting system type	Mechanical anchoring to the floor
Items supplied	PU3 device column with pre-assembled base plate Mounting instructions for download
Column height	985 mm
Suitable for device variants	
deTec safety light curtain	Protective field height ≤ 900 mm
C2000, C4000, M4000 Curtain safety light curtain	Protective field height ≤ 600 mm
deTem safety light-beam sensor	2 beams, distance of lowest beam from floor: 400 mm
M2000, M4000 safety light-beam sensor	2 beams, distance of lowest beam from floor: 400 mm
Compatible brackets	
FlexFix	✓
QuickFix	✓
Flat-Mount	✓
Swivel-Mount	✓
Omega bracket	✓
Additional options	Enables additional accessories, such as muting arms, to be installed.
Height of first beam above ground	400 mm

Mechanics

Material	
Column profile	Aluminum (powder-coating)
Base plate	Aluminum (powder-coating)
End cap	ABS

[1] L1 = Column profile height.

[2] L2 = Column height (incl. base plate).

Dimensions	See dimensional drawing
L1	965 mm [1]
L2	985 mm [2]
Cross-section of column profile	138.4 mm x 134.7 mm
Diameter of base plate	180 mm
Weight	6.107 kg

[1] L1 = Column profile height.
[2] L2 = Column height (incl. base plate).

Classifications

ECLASS 5.0	27279202
ECLASS 5.1.4	27279202
ECLASS 6.0	27279202
ECLASS 6.2	27279202
ECLASS 7.0	27279202
ECLASS 8.0	27279202
ECLASS 8.1	27279202
ECLASS 9.0	27273701
ECLASS 10.0	27273701
ECLASS 11.0	27273701
ECLASS 12.0	27273701
ETIM 5.0	EC001941
ETIM 6.0	EC001941
ETIM 7.0	EC001941
ETIM 8.0	EC001941
UNSPSC 16.0901	39111609

Dimensional drawing PU3

① Leveling screws M12 (hex socket head)
② Thread M8
③ For rotary fastening M12 (e.g., steel anchoring rod)
④ Spirit level
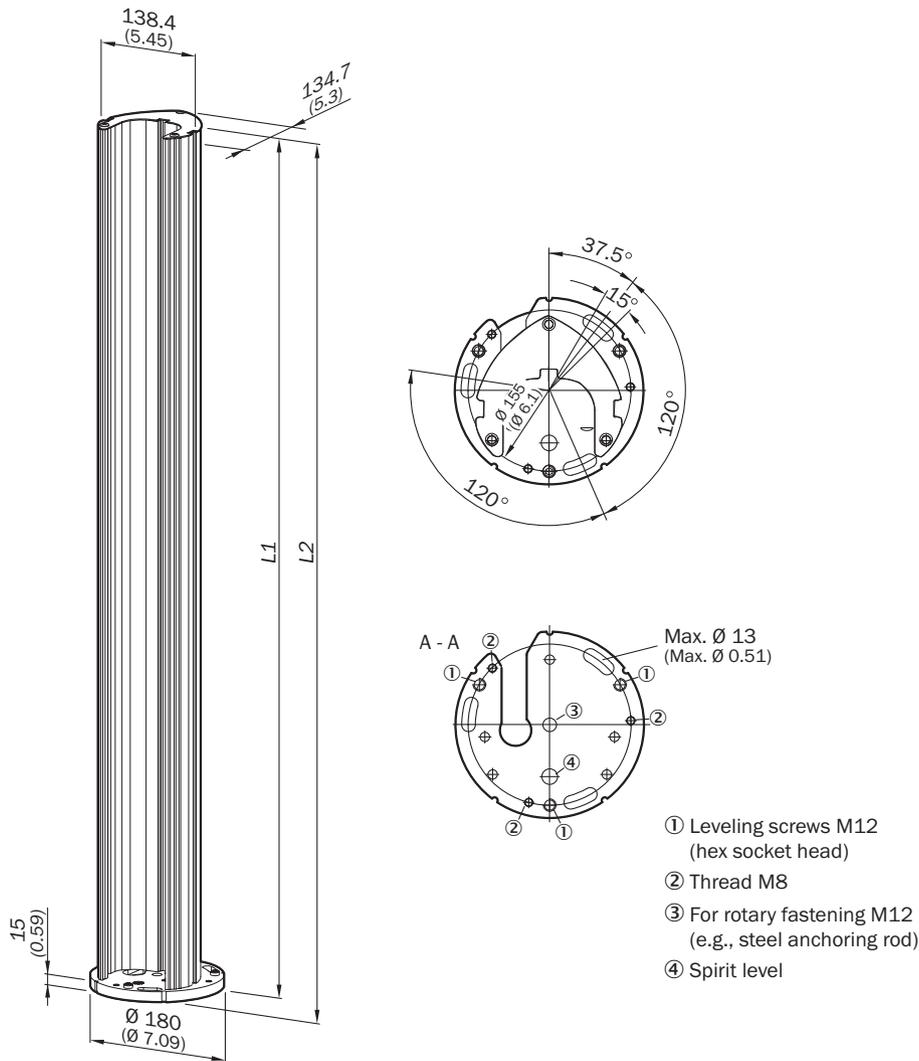
Dimensions in mm (inch)
① leveling screws M12 (hex socket head)
② thread M8
③ for rotary fastening M12 (e.g., steel anchoring rod)
④ spirit level

Type	Part no.	L1 = Column profile height	L2 = Column height (incl. base plate)	Safety light curtains		Safety light-beam sensors	
				Suitable for protective field height		Suitable for number of beams	Suitable for beam separation
				deTec	C2000, C4000, M4000 Curtain		
PU3H96-00000000(	2045490	965	985	≤ 900 mm	≤ 600 mm	2	500 mm
PU3H11-00000000(	2045641	1.165	1.185	≤ 1.050 mm	≤ 900 mm	3	400 mm
PU3H13-00000000(	2045642	1.265	1.285	≤ 1.200 mm	≤ 1.050 mm	4	300 mm
PU3H15-00000000(	2068813	1.550	1.570	≤ 1.500 mm	≤ 1.350 mm	Any	Any
PU3H17-00000000(	2045643	1.720	1.740	≤ 1.650 mm	≤ 1.350 mm	Any	Any
PU3H21-00000000(	2045644	2.020	2.040	≤ 1.950 mm	≤ 1.650 mm	Any	Any

Type	Part no.	L1 = Column profile height	L2 = Column height (incl. base plate)	Safety light curtains		Safety light-beam sensors	
				Suitable for protective field height		Suitable for number of beams	Suitable for beam separation
				deTec	C2000, C4000, M4000 Curtain		
PU3H22-00000000	2045645	2.250	2.270	≤ 2.100 mm	≤ 1.800 mm	Any	Any
PU3H24-00000000	2045646	2.400	2.420	≤ 2.100 mm	≤ 1.800 mm	Any	Any

Instruction for installation
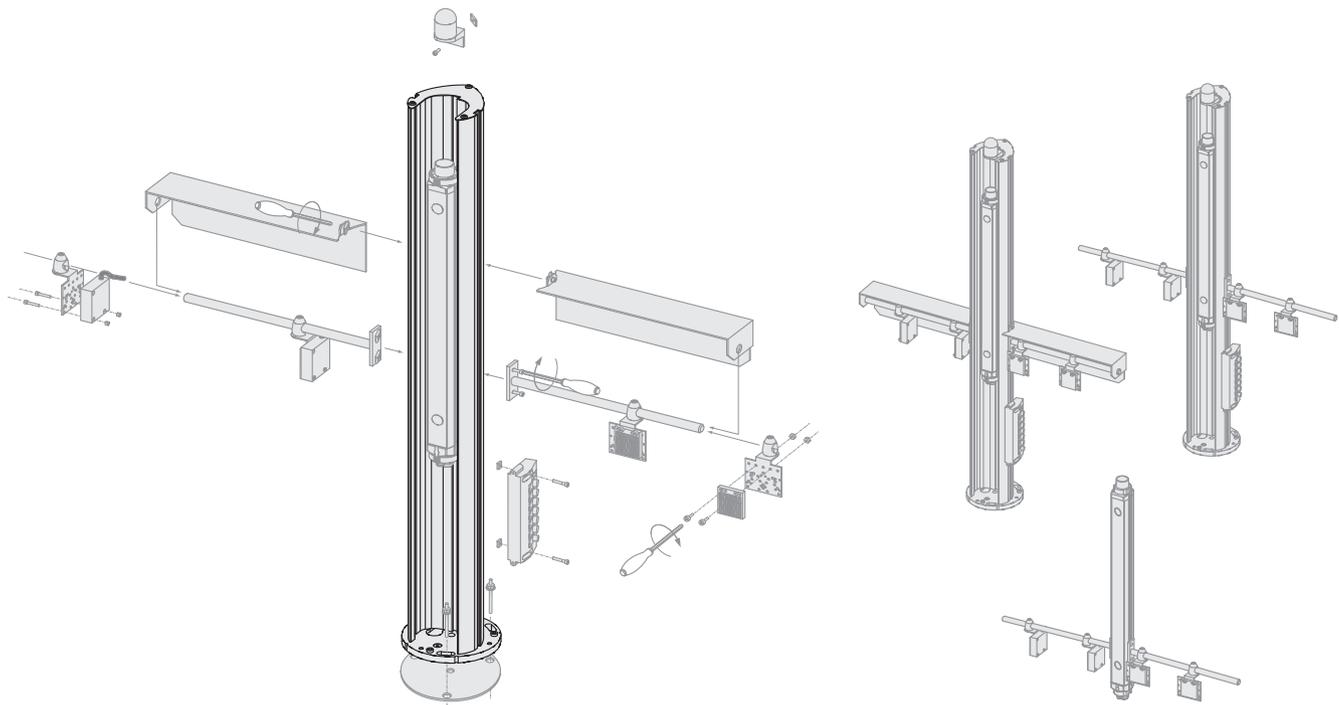
SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

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