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DATA SHEET

PU3H21-00000000

Device columns
Mounting systems

SICK Sensor Intelligence



MOUNTING SYSTEMS

PU3H21-00000000

ORDERING INFORMATION

Type	part no.
PU3H21-00000000	2045644

Further device versions and accessories at www.sick.com/Device_columns

DETAILED TECHNICAL DATA

FEATURES

Description	Robust device column with two external mounting slots, maximum installation length 2,400 mm, column height 2,420 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	2,040 mm
Suitable for device variants	
deTec safety light curtain	Protective field height ≤ 1,950 mm
C2000, C4000, M4000 Curtain safety light curtain	Protective field height ≤ 1,650 mm
deTem safety light-beam sensor	Any
M2000, M4000 safety light-beam sensor	Any
Compatible brackets	
FlexFix	✓
QuickFix	✓
Flat-Mount	✓
Swivel-Mount	✓
Omega bracket	✓
Additional options	Enables additional accessories, such as muting arms, to be installed.

MECHANICS

Material	
Column profile	Aluminum (powder-coating)
Base plate	Aluminum (powder-coating)

[1] L1 = Column profile height.

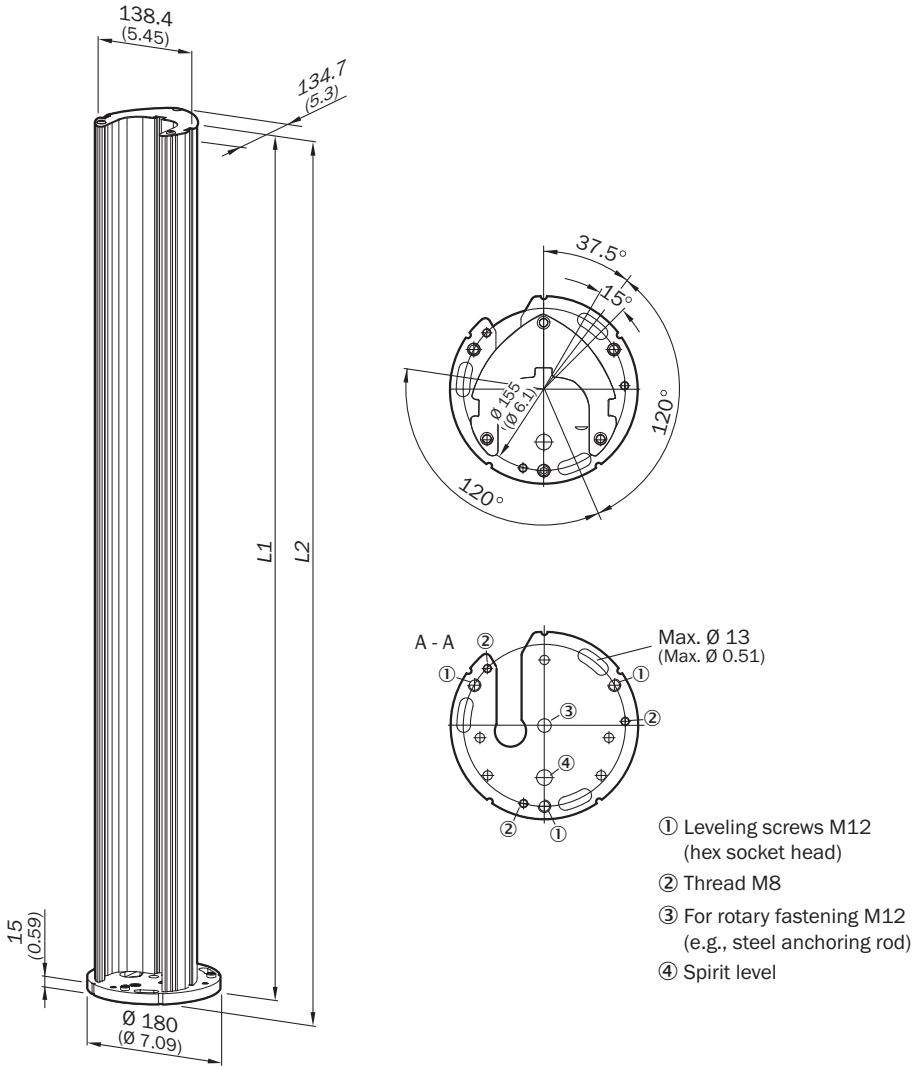
[2] L2 = Column height (incl. base plate).

End cap	ABS
Dimensions	See dimensional drawing
L1	2,020 mm [1]
L2	2,040 mm [2]
Cross-section of column profile	138.4 mm x 134.7 mm
Diameter of base plate	180 mm
Weight	14.61 kg

[1] L1 = Column profile height.

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

DIMENSIONAL DRAWING PU3

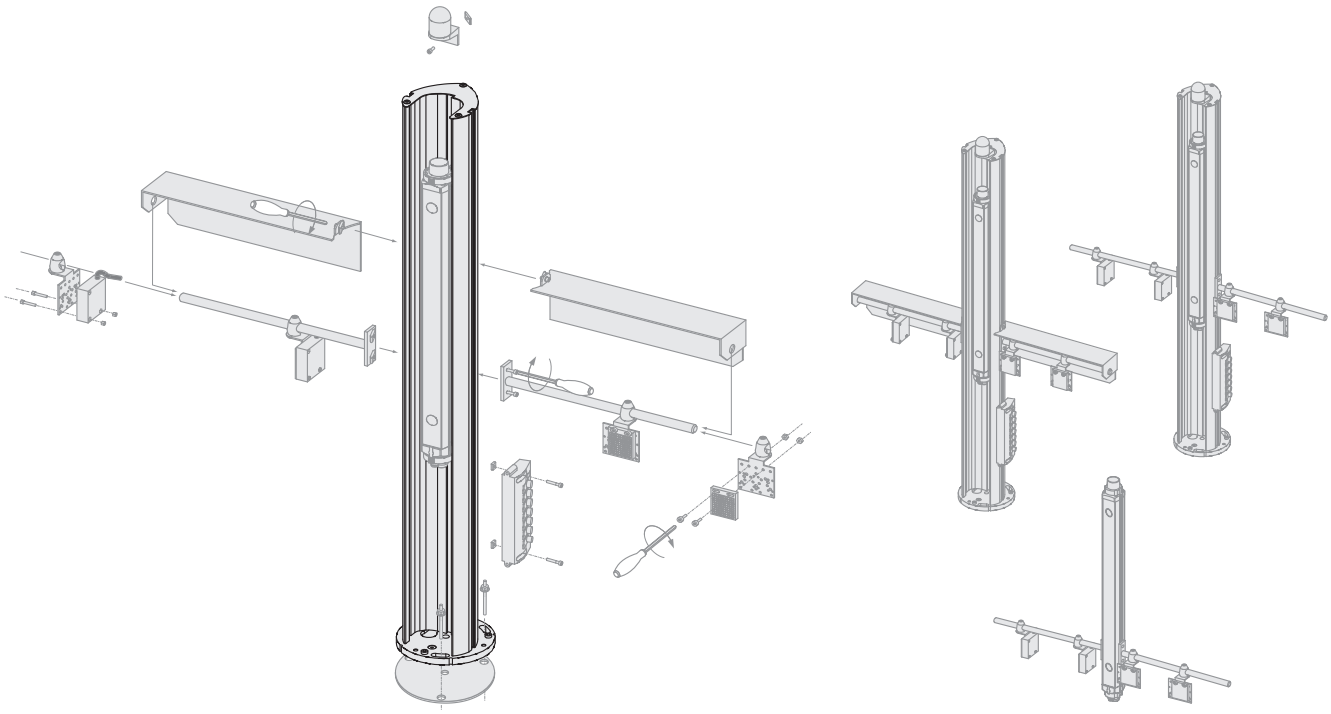


Dimensions in mm (inch)
① leveling screws M12 (hex socket head)
② thread M8
③ for rotary fastening M12 (e.g., steel anchoring rod)
④ spirit level

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		
PU3H96-0000000C	2045490	965	985	≤ 900 mm	≤ 600 mm	2	500 mm

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				Suitable for protective field height		Suitable for number of beams	Suitable for beam separation
				deTec	C2000, C4000, M4000 Curtain		
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
PU3H22-0000000C	2045645	2.250	2.270	≤ 2.100 mm	≤ 1.800 mm	Any	Any
PU3H24-0000000C	2045646	2.400	2.420	≤ 2.100 mm	≤ 1.800 mm	Any	Any

INSTRUCTION FOR INSTALLATION



Further information as well as suitable accessories, example applications and downloads such as CAD dimensional models, operating instructions and software can be found at www.sick.com/2045644

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SICK AT A GLANCE

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SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnerships with our customers are more than just a promise: Together, we optimize productivity, improve quality, protect health and safety, and help build a sustainable future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions

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