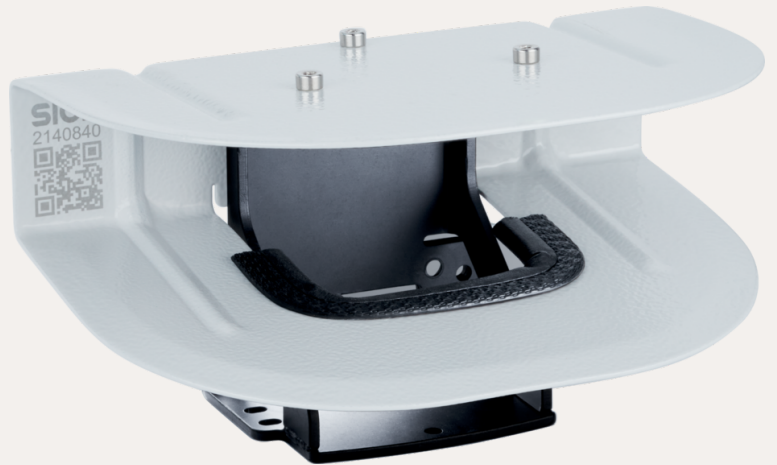




DATA SHEET

Mounting bracket with integrated 200° weather protection

Brackets
Mounting systems

SICK

Sensor Intelligence



MOUNTING SYSTEMS

Mounting bracket
with integrated 200°
weather protection

ORDERING INFORMATION

Type	part no.
Mounting bracket with integrated 200° weather protection	2140840

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

DETAILED TECHNICAL DATA

FEATURES

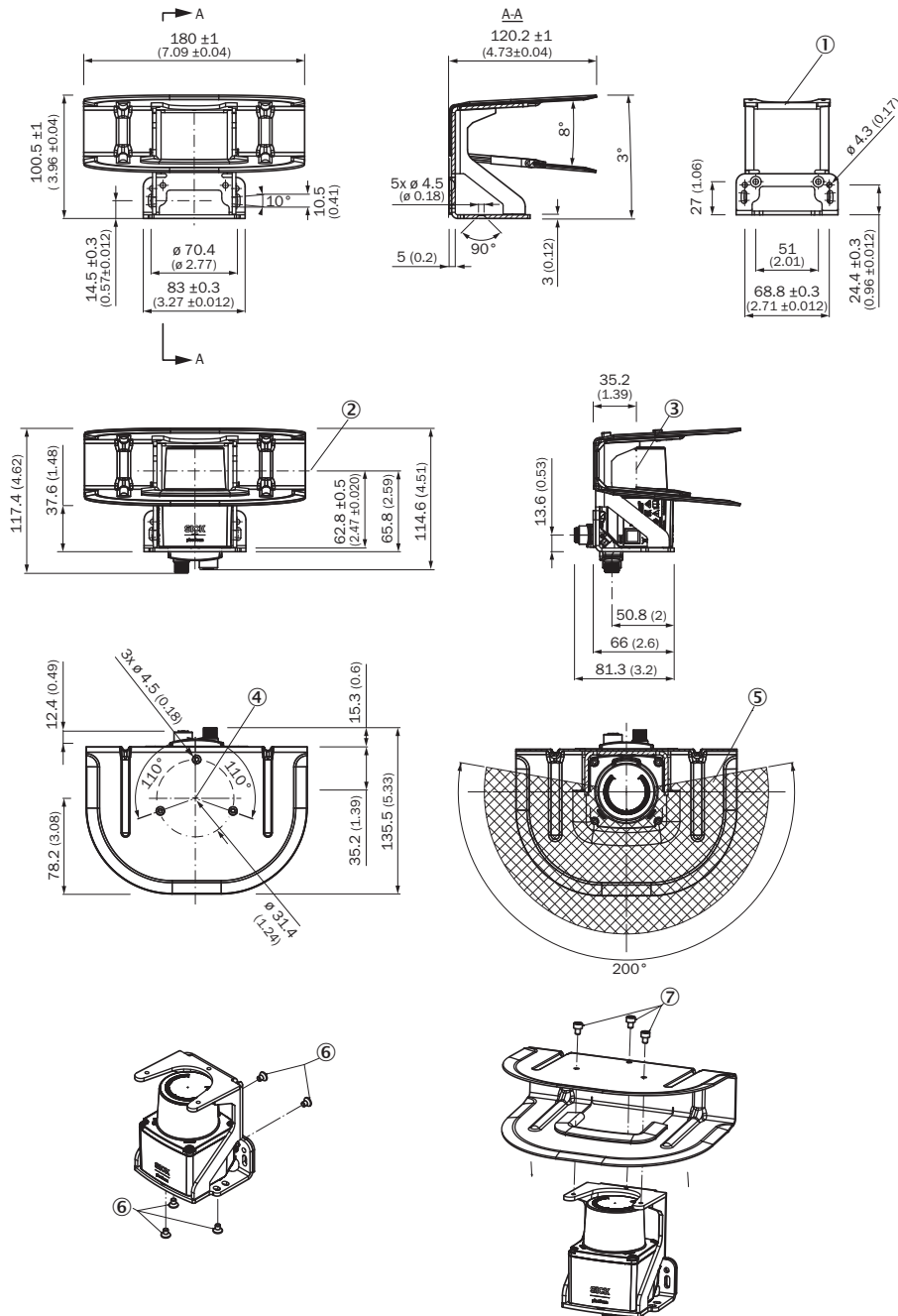
Accessory group	Mounting systems
Accessory family	Brackets
Description	Mounting bracket with weather protection 200° opening angle Weather protection shield for LMS221 (180°), vertical mounting
Suitable for	picoScan100
Material	Bracket: Seawater-resistant aluminum. 3 mm black anodized Weather protection attachment: Seawater-resistant aluminum, 1.5 mm powder-coated RAL7035 Screws: Stainless steel A2
Items supplied	Mounting bracket, incl. 5 x M4x6 countersunk screws as per DIN7991 (but with SW 3) for fastening the device to the mounting bracket 3x M4x5 cylinder head screws for fastening the weather protection attachment
Dimensions (W x H x L)	180 mm x 100.5 mm x 120.3 mm
Weight	294 g
Vibration resistance Sine resonance scan, sine test, noise test	10 Hz, 10 Hz, 10 Hz ... 1,000 Hz, 500 Hz, 250 Hz, 5 g, 4.24 g RMS, 10 frequency cycles, 5 h ^{1) 1) 2)}
Shock resistance	50 g, 11 ms, ± 3 single shocks/axis ³⁾ 25 g, 6 ms, ± 1,000 continuous shocks/axis ³⁾ 50 g, 3 ms, ± 5,000 continuous shocks/axis ³⁾
Mounting system type	Brackets

¹⁾ IEC 60068-2-6:2007.

²⁾ IEC 60068-2-64:2008.

³⁾ IEC 60068-2-27:2008.

DIMENSIONAL DRAWING



Dimensions in mm (inch)

- ① Bracket shown without weather protection hood
- ② Scan axis
- ③ Rotation axis
- ④ Rotation axis
- ⑤ Scanning area
- ⑥ M4x6 with SW 3 mm/tightening torque 1.5-2.5 Nm - use all five screws for applications with high shock and vibration requirements
- ⑦ M4x5 included in scope of delivery/tightening torque 1.5-2.5 Nm

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/2140840



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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

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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