

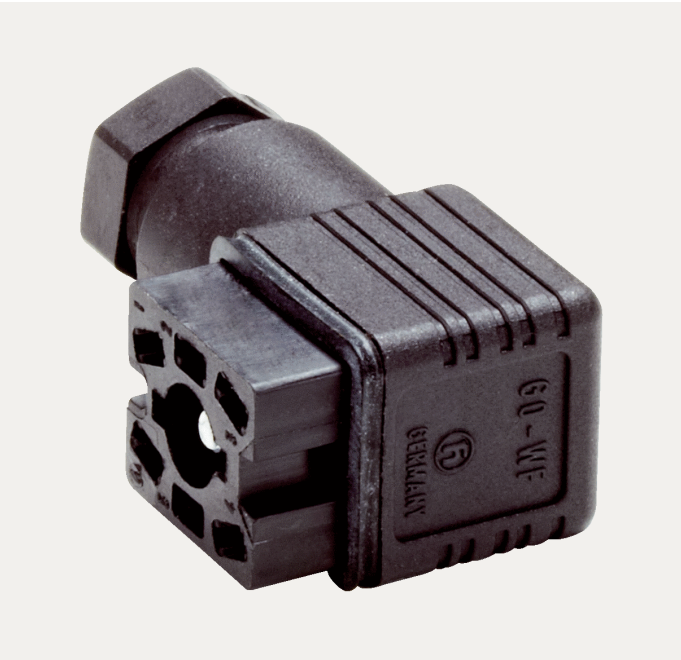


DATA SHEET

# DOS-1406-W

Field-wireable connectors  
Connectors and cables

**SICK** Sensor Intelligence



CONNECTORS AND CABLES

DOS-1406-W

ORDERING INFORMATION

| Type       | part no. |
|------------|----------|
| DOS-1406-W | 6006685  |

Further device versions and accessories at [www.sick.com/Field-wireable\\_connectors](http://www.sick.com/Field-wireable_connectors)



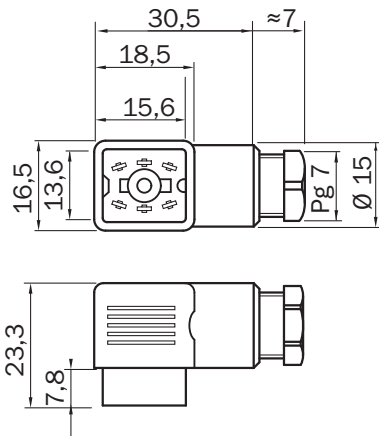
DETAILED TECHNICAL DATA

TECHNICAL SPECIFICATIONS

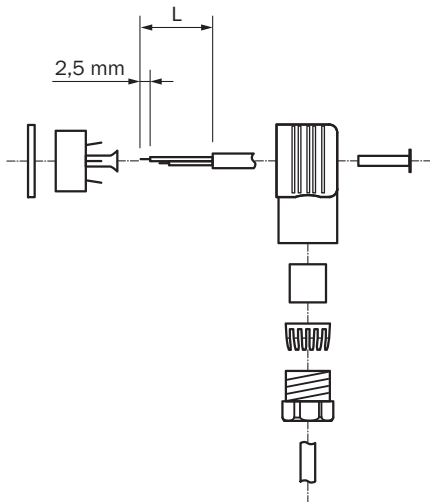
|                          |                                               |
|--------------------------|-----------------------------------------------|
| Connection type head A   | Female connector, Q6, 6-pin, angled, AC-coded |
| Connection type          | Solder connection                             |
| Connector material       | PA GF                                         |
| Connector color          | Black                                         |
| Shielding                | Unshielded                                    |
| Permitted cable diameter | 4 mm ... 7.5 mm                               |
| Permitted cross-section  | 0.14 mm² ... 0.5 mm²                          |
| Reference voltage        | ≤ 250 V AC                                    |
| Current loading          | ≤ 6 A                                         |
| Enclosure rating         | IP65                                          |
| Operating temperature    | Head -40 °C ... +90 °C                        |

CERTIFICATES

|                                                     |   |
|-----------------------------------------------------|---|
| EU declaration of conformity                        | ✓ |
| UK declaration of conformity                        | ✓ |
| China RoHS                                          | ✓ |
| China Compulsory Product Certification (CCC) exempt | ✓ |

**DIMENSIONAL DRAWING**

Dimensions in mm (inch)

**INSTALLATION DRAWING**

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/6006685](http://www.sick.com/6006685)



SICK AG  
WALDKIRCH  
GERMANY  
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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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