



YM12ES8-0050S5586A

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
YM12ES8-0050S5586A	2097337

Other models and accessories → www.sick.com/

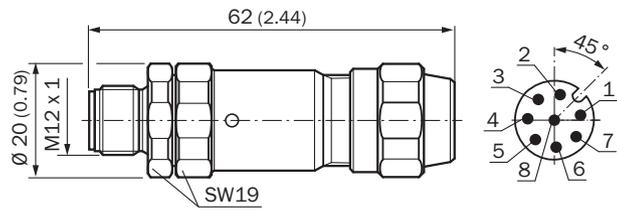


Detailed technical data

Technical specifications

Accessory group	Plug connectors and cables
Accessory family	Field-attachable connectors
Connection type head A	Male connector, M12, 8-pin, straight, A-coded
Connection type head B	-
Connection type	Screw-type terminals
Connector material	Stainless steel (V4A/1.4404)
Connector color	Silver
Locking nut material	Stainless steel (V4A/1.4404)
Shielding	Shielded
Conductor cross-section	0.5 mm ²
Permitted cable diameter	5.5 mm ... 8.6 mm
Permitted cross-section	≤ 0.5 mm ²
Reference voltage	≤ 60 V
Current loading	2 A
Authorizations	UL
Enclosure rating	IP69K
Ambient operating temperature	Head -40 °C ... +85 °C
Contamination rating	3
Overvoltage category	II

Dimensional drawing (Dimensions in mm (inch))



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.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com