



# YM12ES4-0075S5586D

Field-wireable connectors

CONNECTORS AND CABLES

**SICK**  
Sensor Intelligence.



### Ordering information

Type	part no.
YM12ES4-0075S5586D	2109773

Other models and accessories → [www.sick.com/Field-wireable\\_connectors](http://www.sick.com/Field-wireable_connectors)



### Detailed technical data

#### Technical specifications

<b>Connection type head A</b>	Male connector, M12, 4-pin, straight, D-coded
<b>Connection type</b>	Screw-type terminals
<b>Connector material</b>	Stainless steel (V4A/1.4404/316L)
<b>Connector color</b>	Silver
<b>Locking nut material</b>	Stainless steel (V4A/1.4404)
<b>Conductor cross section</b>	0.5 mm <sup>2</sup>
<b>Shielding</b>	Shielded
<b>Permitted cross-section</b>	≤ 0.75 mm <sup>2</sup>
<b>Reference voltage</b>	≤ 30 V
<b>Rated impulse voltage</b>	48 V AC
<b>Current loading</b>	≤ 4 A
<b>Application</b>	Hygienic and washdown zones
<b>Enclosure rating</b>	IP69K
<b>Operating temperature</b>	Head -40 °C ... +85 °C
<b>Contamination rating</b>	3
<b>Overvoltage category</b>	II

#### Certificates

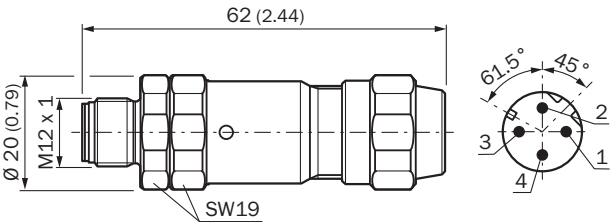
<b>EU declaration of conformity</b>	✓
<b>UK declaration of conformity</b>	✓
<b>China RoHS</b>	✓

#### Classifications

<b>ECLASS 5.0</b>	27279290
<b>ECLASS 5.1.4</b>	27279290
<b>ECLASS 6.0</b>	27279221
<b>ECLASS 6.2</b>	27279221

ECLASS 7.0	27440104
ECLASS 8.0	27440104
ECLASS 8.1	27440104
ECLASS 9.0	27440102
ECLASS 10.0	27440102
ECLASS 11.0	27440102
ECLASS 12.0	27440116
ETIM 5.0	EC002635
ETIM 6.0	EC002635
ETIM 7.0	EC002635
ETIM 8.0	EC002635
UNSPSC 16.0901	39121421

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