



# YF8P14-400PA1XLEAX

Sensor-actuator cables

CONNECTORS AND CABLES

**SICK**  
Sensor Intelligence.



### Ordering information

Type	part no.
YF8P14-400PA1XLEAX	2148496

Other models and accessories → [www.sick.com/Sensor-actuator\\_cables](http://www.sick.com/Sensor-actuator_cables)



### Detailed technical data

#### Technical specifications

<b>Connection type head A</b>	Female connector, M8, 4-pin, straight
<b>Connection type head B</b>	Flying leads
<b>Connection type</b>	Flying leads
<b>Connector material</b>	PP
<b>Connector color</b>	Gray
<b>Locking nut material</b>	Stainless steel (V4A/1.4404/316L)
<b>Tightening torque</b>	0.6 Nm
<b>Width across flats</b>	9
<b>Cable</b>	40 m, 4-wire, PP
<b>Jacket material</b>	pp <sup>1)</sup>
<b>Jacket color</b>	Gray
<b>Cable diameter</b>	4.6 mm
<b>Conductor cross section</b>	0.34 mm <sup>2</sup>
<b>Shielding</b>	Unshielded
<b>Bending radius</b>	
Flexible use	> 10 x cable diameter
Stationary position	> 5 x cable diameter
<b>Bending cycles</b>	≥ 4,000,000
<b>Reference voltage</b>	
	≤ 30 V
<b>Rated impulse voltage</b>	0.8 kV
<b>Current loading</b>	4 A
<b>Signal type</b>	Sensor/actuator cable
<b>Torsion force</b>	180° / 1 m
<b>Application</b>	Hygienic and washdown zones Drag chain operation

<sup>1)</sup> Silicone-free, halogen-free, LABS-free.

<sup>2)</sup> Tested cleaning agents: 3% P3 – topax 990, 5% P3 – topoactive 200, 5% P3 – topax 52, 3% P3 – topax 66, 3% P3 – topoactive OKTO; Insulating material group: Cat I.

Note	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked. <sup>2)</sup> Resistant against lactic acid & hydrogen peroxide (H2O2)	
Authorizations	Ecolab	
Enclosure rating	IP67/ IP69K	
Operating temperature	Flexible use	-25 °C ... +105 °C
	Stationary position	-40 °C ... +105 °C

<sup>1)</sup> Silicone-free, halogen-free, LABS-free.  
<sup>2)</sup> Tested cleaning agents: 3% P3 – topax 990, 5% P3 – topoactive 200, 5% P3 – topax 52, 3% P3 – topax 66, 3% P3 – topoactive OKT0; Insulating material group: Cat I.

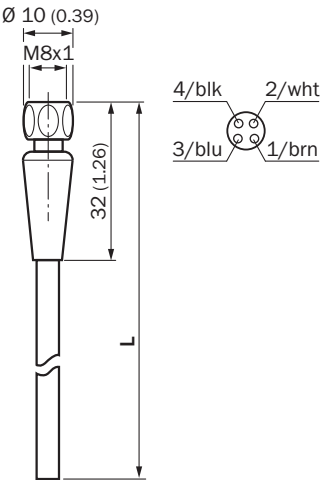
Classifications

ECLASS 5.0	19030312
ECLASS 5.1.4	19030312
ECLASS 6.0	27060304
ECLASS 6.2	27060304
ECLASS 7.0	27060304
ECLASS 8.0	27060304
ECLASS 8.1	27060304
ECLASS 9.0	27060304
ECLASS 10.0	27060304
ECLASS 11.0	27060304
ECLASS 12.0	27060304
ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249
ETIM 8.0	EC003249
UNSPSC 16.0901	26121604

Certificates

EU declaration of conformity	✓
UK declaration of conformity	✓
China-RoHS	✓

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)