

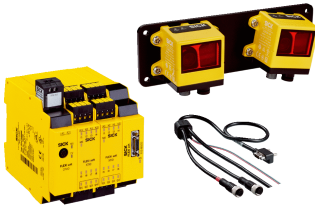


# SAPPD3E-14AP004

Safe Linear Positioning

SAFETY SYSTEMS FOR MOVEMENT MONITORING

**SICK**  
Sensor Intelligence.



### Ordering information

Type	part no.
SAPPD3E-14AP004	1028313

**Included in delivery:** FX3-CPU000000 (1), FX3-XTIO84002 (2), FX3-MOC100000 (1), FX3-MPL000001 (1), SAPPD3E-12A0033 (1), X-junction (1)

Other models and accessories → [www.sick.com/Safe\\_Linear\\_Positioning](http://www.sick.com/Safe_Linear_Positioning)



### Detailed technical data

#### Features

<b>Variant</b>	Complete set
<b>Safety task</b>	Safe position monitoring
<b>Application</b>	Skillet conveyors, Shelving access devices, Movement monitoring, Cranes
<b>Interface</b>	32 bit
<b>Resolution</b>	0.01 mm
<b>Response time</b>	≤ 47.5 ms
<b>Stopping distance extension</b>	10 mm <sup>1)</sup>
<b>Maximum measuring path</b>	≤ 8,589 m
<b>Maximum speed of the measurement system</b>	≤ 4 m/s
<b>Items supplied</b>	1 Flexi Soft main module FX3-CPU0 2 Flexi-Soft-I/O-Modul FX3-XTIO 1 Flexi-Soft-Motion-Control-Modul FX3-MOC1 1 Flexi Soft system plug FX3-MPL0 1 double sensor 32 bit 1 X distributor

<sup>1)</sup> The user must use the overall response time and other application-specific parameters to calculate the stopping distance. The user must then add another 10 mm on to the calculated stopping distance, which apply owing to internal filters.

#### Electrical data

<b>Voltage supply</b>	24 V DC (16.8 V ... 28.8 V)
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#### Ambient data

<b>Storage temperature</b>	-25 °C ... +70 °C
<b>Air humidity</b>	10 % ... 95 %, Non-condensing

#### Certificates

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

#### Classifications

<b>ECLASS 5.0</b>	27279090
<b>ECLASS 5.1.4</b>	27279090

<b>ECLASS 6.0</b>	27279090
<b>ECLASS 6.2</b>	27279090
<b>ECLASS 7.0</b>	27279090
<b>ECLASS 8.0</b>	27279090
<b>ECLASS 8.1</b>	27279090
<b>ECLASS 9.0</b>	27279090
<b>ECLASS 10.0</b>	27279090
<b>ECLASS 11.0</b>	27279090
<b>ECLASS 12.0</b>	27279090
<b>ETIM 5.0</b>	EC001449
<b>ETIM 6.0</b>	EC001449
<b>ETIM 7.0</b>	EC001449
<b>ETIM 8.0</b>	EC001449
<b>UNSPSC 16.0901</b>	32151705

## 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)