



# SAPPB0D-07A0015

Safe Interlocking

SAFETY SYSTEMS FOR MOVEMENT MONITORING

**SICK**  
Sensor Intelligence.



### Ordering information

Type	part no.
SAPPB0D-07A0015	1087162

**Included in delivery:** DFS60S-TGOC01024 (1), FX3-CPU000000 (1), FX3-MOC000000 (1), FX3-MPL000001 (1), FX3-XTDI80002 (1), FX3-XTI084002 (2), RE23-SA64 (1), TR10-SRU01C (1)

Other models and accessories → [www.sick.com/Safe\\_Interlocking](http://www.sick.com/Safe_Interlocking)

### Detailed technical data

#### Features

<b>Safety task</b>	Access protection
<b>Application</b>	Movement monitoring
<b>Items supplied</b>	1 DFS60S Pro safety encoder 1 RE2 safety switch 1 TR10 Lock safety locking device 1 Flexi Soft main module FX3-CPU0 1 Flexi Soft system plug FX3-MPL0 1 Flexi Soft I/O module FX3-XTI0 1 Flexi Soft I/O module FX3-XTDI 1 Flexi Soft motion control module FX3-MOC0

#### Mechanical data - Encoder

<b>Mechanical design</b>	Through hollow shaft with feather key groove
<b>Shaft diameter</b>	14 mm

#### 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

## Recommended accessories

Other models and accessories → [www.sick.com/Safe\\_Interlocking](http://www.sick.com/Safe_Interlocking)

	<b>Brief description</b>	<b>Type</b>	<b>part no.</b>
connectors and cables			
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Female connector, M12, 4-pin, straight, A-coded</li> <li><b>Connection type head B:</b> Flying leads</li> <li><b>Signal type:</b> Sensor/actuator cable</li> <li><b>Cable:</b> 15 m, 4-wire, PVC</li> <li><b>Description:</b> Sensor/actuator cable, unshielded</li> <li><b>Application:</b> Zones with chemicals, Uncontaminated zones</li> </ul>	YF2A14-150VB3XLEAX	2096237
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Female connector, M12, 8-pin, straight, A-coded</li> <li><b>Connection type head B:</b> Flying leads</li> <li><b>Signal type:</b> Sensor/actuator cable</li> <li><b>Cable:</b> 20 m, 8-wire, PUR, halogen-free</li> <li><b>Description:</b> Sensor/actuator cable, unshielded</li> <li><b>Application:</b> Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation</li> </ul>	YF2A18-200UA5XLEAX	2095680
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Male connector, Micro D-Sub, 15-pin, angled</li> <li><b>Connection type head B:</b> Female connector, M12, 8-pin, straight, A-coded</li> <li><b>Cable:</b> 5 m</li> <li><b>Description:</b> Shielded</li> </ul>	Connection cable	2094427

## 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)