

Sensor-less Monitoring of Standstill for Machines with Long Inertia



- Standstill is monitored by the motor's back electromotive force (BEMF) signal.
- Features a "Standard Configuration", allowing immediate use without sensitivity adjustment.
- "User Configuration" also available for fine-tuning of sensitivity.
- Detailed LED indications enable easy fault diagnosis.
- Safety Category 4, PLe (EN ISO13849-1), SIL 3 (IEC/EN 62061) certified.



Be sure to read the *Safety Precautions* on page 65.

Model Number Structure

Model Number Legend

G9SX- -

1 2 3 4 5

1. Functions

SM: Standstill Monitoring Unit

2. Output Configuration (Safety Outputs)

0: None

3. Output Configuration (Safety standstill detection outputs)

3: 3 outputs

4. Output Configuration (Auxiliary Outputs)

2: 2 outputs

5. Terminal block type

RT: Screw terminals

RC: Spring-cage terminals

List of Models

Standstill Monitoring Unit

Safety outputs	Safety standstill detection output	Auxiliary output	Rated voltage	Terminal block type	Model
--	3	2	24 VDC	Screw terminals	G9SX-SM032-RT
				Spring-cage terminals	G9SX-SM032-RC