



**SIL Declaration of Conformity
for rotary actuators series**
According to IEC 61508:2010



The Manufacturer:

SAF S.r.l.
Via Dante, 79/D
22070 CARBONATE (COMO) – ITALY

The devices of the mentioned series are suitable for use in safety related systems as a single safety related subsystem according to IEC 61508-1/7:2010 for up to and including **SIL 3** and the hardware meets the requirements of IEC 61508. Detailed results in the test report n°72760-1-R rev.00 of 05/09/2022.

Harmonized standards used:

IEC 61508 Part 1÷7 Functional safety of electrical/electronic/programmable electronic safety-related systems

Equipment description: **Rotary actuators**

Series: **RA RAX**

Sizes: **Ø32 ÷ Ø400**

Safety function:

When de-energized, the devices move to its fail-safe position.
Depending on the version specified the device must be assembled in accordance with the manufacturer's recommendations and allowable desired function.

Systematic integrity: **SIL 3 Capable**

Failure rates according to IEC 61508:

λ_{DD}	λ_{DU}	λ_s	λ_{TOT}	SFF
5.2926E-08	4.8114E-09	-	5.7737E-08	>90%

Certificate registration number: **EURO-709006495**

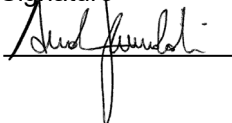
Certificate valid to: **23 October 2025**

Notified body: **EUROCERTIFICATIONS s.r.l.**
Address: Via Puccini 1 Madone 24040 - BG

Document issued by authorized person for the manufacturer:

Date
09/01/2023

Chief executive officer
Andrea Grimoldi

Signature




**SIL Declaration of Conformity
for limit switch box series**
According to IEC 61508:2010



The Manufacturer:

SAF S.r.l.
Via Dante, 79/D
22070 CARBONATE (COMO) – ITALY

The devices of the mentioned series are suitable for use in safety related systems as a single safety related subsystem according to IEC 61508-1/7:2010 for up to and including **SIL 3** and the hardware meets the requirements of IEC 61508. Detailed results in the test report n°72760-1-R rev.00 of 05/09/2022.

Harmonized standards used:

IEC 61508 Part 1÷7 Functional safety of electrical/electronic/programmable electronic safety-related systems

Equipment description: **Limit switch box**

Series: **SB**

Sizes: **SB100 SB200 SB400 SB500 SB600 SB700 SB800**

Safety function:

When de-energized, the devices move to its fail-safe position.
Depending on the version specified the device must be assembled in accordance with the manufacturer's recommendations and allowable desired function.

Systematic integrity: **SIL 3 Capable**

Failure rates according to IEC 61508:

λ_{DD}	λ_{DU}	λ_s	λ_{TOT}	SFF
1.4618E-07	-	-	1.4618E-07	>90%

Certificate registration number: **EURO-709006495**

Certificate valid to: **23 October 2025**

Notified body: **EUROCERTIFICATIONS s.r.l.**
Address: Via Puccini 1 Madone 24040 - BG

Document issued by authorized person for the manufacturer:

Date
09/01/2023

Chief executive officer
Andrea Grimoldi

Signature



**SIL Declaration of Conformity
for solenoid valves series**
According to IEC 61508:2010



The Manufacturer:

SAF S.r.l.
Via Dante, 79/D
22070 CARBONATE (COMO) – ITALY

The devices of the mentioned series are suitable for use in safety related systems as a single safety related subsystem according to IEC 61508-1/7:2010 for up to and including **SIL 3** and the hardware meets the requirements of IEC 61508. Detailed results in the test report n°72760-1-R rev.00 of 05/09/2022.

Harmonized standards used:

IEC 61508 Part 1÷7 Functional safety of electrical/electronic/programmable electronic safety-related systems

Equipment description: **Solenoid valves**

Series: **N NX**

Sizes: **G1/8" G1/4" G1/2" 1/8"NPT 1/4"NPT 1/2"NPT**

Safety function:

When de-energized, the devices move to its fail-safe position.
Depending on the version specified the device must be assembled in accordance with the manufacturer's recommendations and allowable desired function.

Systematic integrity: **SIL 3 Capable**

Failure rates according to IEC 61508:

λ_{DD}	λ_{DU}	λ_s	λ_{TOT}	SFF
5.9520E-08	1.0442E-09	1.1486E-08	7.2050E-08	>90%

Certificate registration number: **EURO-709006495**

Certificate valid to: **23 October 2025**

Notified body: **EUROCERTIFICATIONS s.r.l.**
Address: Via Puccini 1 Madone 24040 - BG

Document issued by authorized person for the manufacturer:

Date
09/01/2023

Chief executive officer
Andrea Grimoldi

Signature