

## UK Declaration of Conformity

Ident-No. : 9378931

The undersigned, representing the following manufacturer

**SICK AG**

Erwin-Sick-Straße 1  
79183 Waldkirch  
Germany

www.sick.com

herewith declares that this declaration of conformity is issued under the sole responsibility of the manufacturer.

The product

Type:

**W.24-2X**

of this declaration is in conformity with the provisions of the following relevant UK Statutory Instruments (including all applicable amendments), and the respective standards and/or technical specifications have been used as a basis.

Waldkirch, 2023-04-20

i.v. 

i.v. Davorin Jaksic  
Head of Research & Development  
Photoelectric Sensors & Fibers

i.v. 

i.v. Joachim Schultis  
Head of Operations Photoelectric Sensors &  
Fibers

## Relevant UK Statutory Instruments and designated standards

UK Statutory Instruments and designated standards	Document-ID	Issued	SICK-ID-No.	Change notification
ELECTROMAGNETIC COMPATIBILITY REGULATIONS 2016	UK S.I. 2016/1091	2016-10-01	8606533	
EQUIPMENT AND PROTECTIVE SYSTEMS INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES REGULATIONS 2016	UK S.I. 2016/1107	2016-11-01	8606536	
THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT REGULATIONS 2012	UK S.I. 2012/3032	2012-12-01	8606541	
LVSCG - PROXIMITY SWITCHES	EN IEC 60947-5-2	2020-03-01	8606545	
LVSCG - DC INTERFACE FOR PROXIMITY..	EN 60947-5-6	2000-01-01	8605532	
TECHNICAL DOCUM. HAZARDOUS SUBSTANCES	EN IEC 63000	2018-12-01	8606483	
EXPLOSIVE ATMOSPHERES, EQUIPMENT	EN IEC 60079-0	2018-07-01	8606395	
EXPLOSIVE ATMOSPHERES, EQUIPM. PROTECT.	EN 60079-11	2012-01-01	8606084	
EXPLOS. ATMOSPH., PROTECT. EQUIP. OPTIC. RADI	EN 60079-28	2015-09-01	8606233	

As of 2024-02-18

## Conformance UK Type examination performed by

Approved body (name, no.) *UL International (UK) Ltd, 0843*  
Certificate no. *UL22UKEX2400 Rev. 0*

## Issued inspection result



*II 2 G Ex ia op is IIC T4 Gb*  
*-20°C < Ta < +60°C*  
*Ui ≤ 15,5V; Ii ≤ 53mA; Pi ≤ 100mW, Li ≈ 0μH, Ci ≤ 80nF*

## Quality assurance performed by

Approved body (name, no.) *Element Materials Technology Warwick Ltd, 0891*  
Certificate no. *EMA21UKQAN0005 R03*

## List of Devices (count: 6)

SICK-ID-No.	Device-type
1026036	WL24-2X230
1026037	WL24-2X430
1026038	WLL24-2X230
1026039	WLL24-2X430
1056513	WL24-2X430S07
1056514	WLL24-2X430S01

As of 2024-02-18