

EU Declaration of Conformity

The EU Authorised Representative of the manufacturer Ion Science limited has sole responsibility, on the date this product accompanied by this declaration is placed on the market, the product conforms to all technical and regulatory requirements of the listed directives

Authorised Representative: ISM Deutschland GmbH · Laubach 30 · D-40822 Mettmann, Germany

PRODUCT: ARA Single Gas Detector Series

MODEL: ARA100, ARA200, ARA300, ARA400, ARA100H, ARA200H

Description: Intrinsically safe, wearable single gas detectors.

Directive: ATEX Directive (2014/34/EU)
EMC Directive (2014/30/EU)

Certificate: CML 20ATEX2016
IECEX CML 20.0007

Notified body: SGS Fimko 0598

**North American:
certifying authority** QPS

**North American
File #:** ML 1621-1

Type of protection



II 1G Ex ia IIC T4 Ga

ATEX TEMPERATURE RANGES	H ₂ S (ARA100, ARA100H)	-40°C ≤ Ta ≤ 60°C
	CO (ARA200, ARA200H)	-40°C ≤ Ta ≤ 60°C
	O ₂ (ARA300)	-30°C ≤ Ta ≤ 60°C
	SO ₂ (ARA400)	-40°C ≤ Ta ≤ 60°C

**APPLIED TECHNICAL
STANDARDS**

- EN ISO 60079-0-2018
- EN ISO 60079-11-2012
- EN ISO 61010-1-2010
- EN 55032-2015
- EN 55035-2017
- EN ISO 61000-3-2-2014
- EN ISO 61000-3-3-2013

ATEX Notified Body SGS Fimko 0598

Name: Clemens A. Verley

Position: Chief Executive Officer



Signature:

Date: 31st December 2020