



DECLARATION OF CONFORMITY

DOC2021007A

We, the undersigned, on behalf of Synatel Instrumentation Limited, hereby declare the products listed below conform to the relevant provisions of the legislation, as well as pertinent clauses of the standards and other normative documents mentioned herein.

EQUIPMENT DESCRIPTION : **BELT ALIGNMENT SENSOR**
PRODUCT NAMES : **MBA2****, MBR2******
ATEX DIRECTIVE : **2014/34/EU**
CERTIFICATE No. : **Baseefa10ATEX0135X**
ISSUED BY : **SGS Fimko Oy, Särkiniementie 3, Helsinki, 00211 Finland**
NOTIFIED BODY NO. : **0598**
(previously by:SGS Baseefa,Rockhead Business Park, Standen Lane, Buxton, Derbyshire, SK17 9RZ,UK notified body no. 1180)
CATEGORIES : **ExII 2D Ex tb h IIIC T125°C Db**
Tamb -20°C to +50°C , IP66

The following harmonized standards and other technical specifications were used in support of this declaration:

EN IEC 60079- 0:2018 Explosive Atmospheres- General requirements
EN 60079-31:2014 Equipment protection by enclosure 't'
EN ISO 80079-36:2016 Explosive atmospheres. Non-electrical equipment for explosive atmospheres. Basic method and requirements

SPECIFIC CONDITIONS OF USE

1. *The equipment shall be suitably earth bonded via the PCB mounted earth terminal inside the equipment enclosure.*
2. *Warning: The equipment is a potential static hazard, clean only with a damp cloth.*
3. *Do not allow the nylon roller wall thickness to fall below 8mm. The wall thickness shall be checked after every operation of the switch.*
4. *Do not allow dust layers to build up on the equipment.*
5. *The threaded holes shall be fitted with suitable cable glands or other suitable accessories such as breather/drains an equipment certificate that maintain the IP66 ingress protection rating of the enclosure. These devices shall incorporate a suitable o-ring or sealing washer and locknut on the entry thread to maintain the IP66 rating.*
6. *Unused entry holes shall be fitted with suitable stopping plugs having an equipment certificate, or having a component certificate subject to the conformation by the end user/installer of the ingress protection rating and the permitted service temperature of the component. The stopping plugs shall incorporate a suitable o-ring or sealing washer on the entry thread to maintain the IP66 rating.*
7. *The operating temperature range and ingress protection rating of the enclosure is limited to that of the devices/accessories fitted.*

LOW VOLTAGE DIRECTIVE 2014/35/EU

BS EN 61010-1 :2010 General safety requirements for electrical equipment
BS EN60332-1-1 :2004 Single cable flame propagation test

EMC DIRECTIVE 2014/30/EU

BS EN 61000-6-3 :2007 Electromagnetic Compatibility - General Emission Standard
BS EN 61000-6-1 :2007 Electromagnetic Compatibility - General Immunity Standard

RESTRICTION OF HAZARDOUS SUBSTANCES DIRECTIVE 2011/65/EU

Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Is Conformed To As Set Out In ANNEX II Of The Directive.

SIGNED:

DATE : 01ST January 2021

NAME: D.Wheat

POSITION: Managing Director