



ARTIDOR

EU Declaration of Conformity

We

ARTIDOR Explosion Safety B.V.
Emopad 38, 5663 PB Geldrop, The Netherlands

herewith declare that the
explosion-safe Signal Towers type series

LR4-* & LR6-*

labelled with the distinctive community mark including the code of the
protection degree against ignition and temperature class:

CE **Ex** II 3 G Ex ec IIC T4 Gc, II 3 D Ex tc IIIC T80°C Dc

produced under the ARTIDOR Quality Assurance system in accordance with
ISO 9001:2015 and annex VIII of Directive 2014/34/EU

is in conformity with the relevant Union harmonization legislation:

2014/30/EU

Concerning electromagnetic compatibility

2014/34/EU (ATEX)

Concerning equipment and protective systems intended
for use in potentially explosive atmospheres,

and that the following standards have been applied:

EN 61000-6-2:2016

EN 61000-6-4:2006 / A1:2010 / IS 1:2011

EN 60079-0:2018

EN 60079-7:2015 / A1:2018

EN 60079-31:2014

This declaration of conformity is issued under the sole responsibility of the manufacturer

Geldrop, 1 November 2020

Signed

M. Moolenaar

Managing Director and EX Authorized Person

Additional Manual

Regarding the installation and maintenance of the explosion-safe signal towers, type series

LR4-* & LR6-*

1. The signal tower may only be used for its purpose as given by the manufacturer. All instructions mentioned in the User's Manual must be followed strictly.
2. Please refer to the installation manual for the electrical connections of the explosion-safe LR4 and LR6 signal towers.
3. The ambient temperature allowed for the signal towers is -20 °C to +50 °C.
4. To avoid electrostatic charge and discharge, clean with a damp cloth only. Do not use solvents.
5. The power cables must be installed in such a way that no mechanical and chemical damage and no excessive pulling forces at the cable or connector may be expected.
6. Apply a protective fuse of a suitable rating in the power circuit.
7. Explosion safety of the product is amongst others based upon the IP65 ingress protection level. Make sure the cable gland as mounted to the signal tower is in good condition and is tightened.
8. Use the right kind of junction box according the scheme below.

