



## DESCRIPTION

The heater resistance type ADR are made for applications relating to the heating of fluid contained in the oil sump lubricants for compressors, for general use for the heating of fluids contained in tank.

Compressors application has the main purpose of preventing that the temperature of the lubricating oil may fall below a value which could compromise the regular operation. In the case of tanks containing water or other liquids that can freeze or be damaged, to prevent this possibility in the case of ambient temperature too low.

## SPECIFICATIONS

CERTIFICATIONS

**Conformity**

ATEX Directive 94/9/EC

**Certification**

ATEX - INERIS 05ATEX0046X/01

**Marking**

II 2 GD

Ex-d IIC T6/T5/T4 Gb

Ex-tb IIIC T85°C/100°C/135°C Db IP65

**Standards**

EN 60079-0:2009

EN 60079-1:2007

EN 60079-31:2009

TECHNICAL DATA

**Ambient Temperature**

-20°C / +40°C (standard)

-20°C, -40°C, -60°C / +40°C, +60°C

**Material**

Copper free Aluminum Alloy (Cu&lt;0.1%)

Stainless steel AISI 304 or AISI 316L

**IP Rating**

IP65

**Entries Thread**Metric ISO-262, ANSI/ASME B1.20.1 NPT, GK EN 10226-2\*, G ISO-228  
(metric thread from M16 to M25; conic thread from 3/8" to 3/4")**Sealing**

O-ring in Silicone (Standard)

**External Painting**

RAL 7038 Epossidica (Standard)

**Accessories and Special Execution:  
(on request)**

Internal anti-condensation coating painting RAL 2004

Off-shore special coating painting