



**Coil Type 30XDM
DECLARATION
OF CONFORMITY**



Coil Type 30XDM
EU DECLARATION OF CONFORMITY

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COIL 30XDM

II 2G Ex db mb IIC Tx Gb

II 2D Ex tb IIIC Tx°C Db IP66

to be used in potentially explosive atmosphere

We, AMISCO S.p.A.
Sited in Via Piaggio 70, 20037,
Paderno Dugnano [Milan] – ITALY
Web site: www.amisco.it

declare under our sole responsibility that the product:

DC solenoids

| Type | Coil Code | Vn [V] | f [Hz] | I [A] | P [W] | Temperature Class |
|-------|---------------|--------|--------|-------|-------|-------------------|
| 30XDM | 30XDMD006W700 | 6 | - | 0.429 | 2.5 | T6 |
| 30XDM | 30XDMD012W700 | 12 | - | 0.207 | 2.5 | T6 |
| 30XDM | 30XDMD024W700 | 24 | - | 0.104 | 2.5 | T6 |
| 30XDM | 30XDMD048W700 | 48 | - | 0.052 | 2.5 | T6 |
| 30XDM | 30XDMD006W300 | 6 | - | 0.510 | 3 | T5 |
| 30XDM | 30XDMD012W300 | 12 | - | 0.250 | 3 | T5 |
| 30XDM | 30XDMD024W300 | 24 | - | 0.125 | 3 | T5 |
| 30XDM | 30XDMD048W300 | 48 | - | 0.063 | 3 | T5 |
| 30XDM | 30XDMD006W400 | 6 | - | 0.640 | 3.8 | T4 |
| 30XDM | 30XDMD012W400 | 12 | - | 0.320 | 3.8 | T4 |
| 30XDM | 30XDMD024W400 | 24 | - | 0.160 | 3.8 | T4 |
| 30XDM | 30XDMD048W400 | 48 | - | 0.080 | 3.8 | T4 |



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AC solenoids

| Coil | | V _n [V] | f [Hz] | I [A] | P [VA] | Temperature Class |
|-------|---------------|-----------------------|-----------|----------|-----------|----------------------|
| Type | Code | | | | | |
| 30XDM | 30XDMA012W200 | 12 | 50/60 | 0.2700 | 3.2 | T5 |
| 30XDM | 30XDMA024W200 | 24 | 50/60 | 0.1330 | 3.2 | T5 |
| 30XDM | 30XDMA048W200 | 48 | 50/60 | 0.0670 | 3.2 | T5 |
| 30XDM | 30XDMA100W200 | 100 | 50/60 | 0.0320 | 3.2 | T5 |
| 30XDM | 30XDMA110W200 | 110 | 50/60 | 0.0290 | 3.2 | T5 |
| 30XDM | 30XDMA115W200 | 115 | 50/60 | 0.0280 | 3.2 | T5 |
| 30XDM | 30XDMA120W200 | 120 | 50/60 | 0.0270 | 3.2 | T5 |
| 30XDM | 30XDMA220W200 | 220 | 50/60 | 0.0146 | 3.2 | T5 |
| 30XDM | 30XDMA230W200 | 230 | 50/60 | 0.0140 | 3.2 | T5 |
| 30XDM | 30XDMA240W200 | 240 | 50/60 | 0.0134 | 3.2 | T5 |

V_n = nominal voltage

f = frequency

I = nominal current

P = nominal power

Voltage Tolerance range on nominal values: $\pm 10\%$



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to which this declaration relates, it is in conformity with the provisions of the following directives:

2014/34/UE [ATEX]
2014/35/UE [LV]
2011/65/UE [RoHS]

and it's produced and tested with reference (if applicable) to the following harmonized standards:

| | | | |
|------------|--------|-------------|--------|
| EN 12100 | [2010] | EN 60079-0 | [2012] |
| EN 1127-1 | [2011] | EN 60079-1 | [2014] |
| EN 60204-1 | [2006] | EN 60079-18 | [2015] |
| EN 60664-1 | [2007] | EN 60079-31 | [2014] |
| VDE 0580 | [2011] | | |

certified by TÜV Italia:

TÜV IT 13 ATEX 040 X Rev.1

Body responsible for supervision:

CESI 0722 WITH Notification CESI 03 ATEX Q

Ing. Emanuele Mauri
Amisco Technical Manager

Paderno Dugnano
December 5, 2019