



**Coil Type 30XDM  
DECLARATION  
OF CONFORMITY**



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**EC DECLARATION OF CONFORMITY**

**COIL 30XDM**

**II 2G Ex db mb IIC Tx Gb**

**II 2D Ex tb IIIC Tx°C IP66 Db**

to be used in potentially explosive atmosphere

We, AMISCO S.p.A.  
Sited in Via Piaggio 70, 20037,  
Paderno Dugnano [Milan] - ITALY

declare under our sole responsibility that the product:

**DC solenoids**

Coil		Vn	f	I	P	Temperature
Type	Code	[V]	[Hz]	[A]	[W]	Class
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 <sub>n</sub> [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<sub>n</sub> = nominal voltage

f = frequency

I = nominal current

P = nominal power

Voltage Tolerance range on nominal values: ± 10%



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

## **ATEX 94/9/CE**

and it's produced and tested with reference to the following standards:

**EN 60079-0 Explosive atmospheres – Part 0:  
Equipment – General requirements – Ed. 2012**

**EN 60079-1 Explosive atmospheres – Part 1:  
Equipment protection by flameproof enclosure “d” –  
Ed. 2007**

**EN 60079-18 Explosive atmospheres – Part 18:  
Equipment protection by encapsulation “m” – Ed. 2009**

**EN 60079-31 Explosive atmospheres – Part 31:  
Equipment dust ignition protection by enclosure “t” –  
Ed. 2009**

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certified by TÜV:

**TÜV IT 13 ATEX 040**

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Ing. Elio Mantovani  
Authorized Person

Paderno Dugnano, 05/11/2013