

Control coils for solenoid valve bodies, IM2 series

Control coils suitable for all valve bodies, listed in the previous pages.



	Suitable for valves:	Power supply	Coil absorption		Active power
			start. VA	stop. VA	
IM21F	M20 - M23	24 Vac 50/60Hz	25	16	9 W
IM21H	M20 - M23	115 Vac 50/60Hz	25	16	9 W
IM21M	M20 - M23	230 Vac 50/60 Hz	25	16	9 W
IM21D	M20 - M23	12 Vac 50/60 Hz	25	16	9 W
IM22	M20 - M23	24 Vdc			12 W
IM22A	M23	12 Vdc			14 W
IM29A	M29	12 Vac 50/60 Hz	33	25	14 W
IM29F	M29	24 Vac 50/60Hz	33	25	14 W
IM29M	M29	230Vac 50/60Hz	33	25	14 W
IM30A	M29	12 Vdc			16 W

* Maximum pressure close to 0 bar decreases by 60% Pn in case of using coils in c.c.

ELECTRICAL FEATURES

Minimum operation threshold -15%Vn.

Maximum operation threshold +10%Vn.

Electrical connections on terminals for connector 2P + . $\frac{\perp}{\perp}$

HOMOLOGATION AND STANDARDS

Complies with EN 60335-1, EN60730-2-8 standards.

OPERATION

With IM21 coils used at 60 Hz, pressure values indicated in the table will be reduced with an average of 12%.

With IM22 coils used in d.c., pressure values indicated in the table will be reduced by 60%.

With IM29 coils used at 60 Hz, pressure values indicated in the table will be reduced with an average of 12%.

FEATURES

All coils are made of copper wires of class H (180°C).

30% glass fibre thermoplastic housing, insulation class F (155°C) suitable for continuous operation (100% ED).

Protection degree IP65.

Maximum ambient temperature 80°C.

COIL CONNECTOR



1578501

Quick connection connector DIN 43650,
suitable for all IM2 coils.

Cable gland Pg9 (cable diameter 6÷8 mm).

Pg11 cable gland thread;

Adjustable cable outlet in 4 positions every 90°.