RED MAGNETICS®

Checklist | Electromagnets

CONTACT DETAILS

Company	.....	Date	.....
Street	.....	Phone	.....
Postal code / place	.....	Fax	.....
Contact person	.....	Direct dial	.....
Department	.....	E-Mail	.....

GENERAL PRODUCT INFORMATION

A. Choose product group:

- ○ Frame Solenoids (standard)
- ○ Frame Solenoids (monostabil)
- ○ Frame Solenoids (bistabil)
- ○ Cylinder Solenoids
- ○ Lamellar Solenoids
- ○ Rotary Solenoids
- ○ Magnetic Valves
- ○ Electromagnets
- ○ Permanent-Electromagnets

B. ...or directly choose the RED MAGNETICS article no.: ITS- .....

C. Quantity samples ..... pcs. requested delivery date ..... target price / per unit (€) .....

D. Quantity line ..... pcs. requested delivery date ..... estimated course of production .....

Delivery quantity ..... pcs./year

APPLICATION DESCRIPTION

Functions / Place of action: .....

.....

KNOWN TECHNICAL DATA - REQUIRED PROFIL

A. Type

- ○ Linear Solenoid ○ pull ○ push ○ simple ○ double ○ reverse
- ○ F = ... N ○ with spring / spring force ..... N ○ without spring
- ○ Permanent-Electromagnets ○ holding force ..... N ○ latching
- ○ Rotary Solenoids ○ torque ..... Ncm ○ complement ..... mm
- ○ Electromagnets/ Permanent-Electromagnets ○ holding force ..... N

B. Operating voltage ○ ..... V DC ○ ..... V AC ○ tightening/ holding voltage ..... V / V

C. Duty cycle ..... % ED max on ..... min off .....

D. Rotation ..... mm / ..... ° stroke way .....

E. Electronic connection

- ○ cords ..... mm ○ push side ○ pull side
- ○ housing ○ plug DIN 43650
- ○ rectifier in ○ single use ○ bridge
- ○ recovery diode

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F. Power (max.) ..... W

G. Power consumption ..... A holding current .....A

H. Working life ..... number of operations ..... cycles

I. Switching times ..... ms / on ..... ms / off

J. Temperature range
Operating temperature + ... °C - ..... °C
Ambient temperature + ... °C - ..... °C

K. Environmental influences
O moistures O spray water O dust O oils
O chemicals O vibrations O gases
O etc. .....

[elements per cent, quantity of particles, size of particles, features, viscosities, units, acceleration, frequences, exact descriptions and details are absolutely necessary]

L. Protection class O device IP ..... O connection IP .....

M. Corrosion protection O no O if yes, which and which parts .....

N. Installation position O horizontal O vertical O any .....

O. Power transmission O interlocking O power locking O description .....
.....

P. Protection wiring O recovery diode O varistor O provide by customer O none

Q. Triggering O on / off (S/W) O constant power O constant voltage
O PWM signal O unknown

R. construction volume/size/ max. measurements L × W × H (mm) .....

S. norms, inspection requirements, instructions, laws, documentations, etc. .....
.....
.....

T. EMC (electromagnetic compatibility) .....
.....
.....

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