

ELETTROMAGNETI

ELECTROMAGNETS

EXD130_xxx_0891

EXD160_xxx_0891

EXD180_xxx_0891



ATEX 2014/34/UE
IEC 60079-0
IEC 60079-18

EU type-examination Certificate

ITS-I 23 ATEX 32846 X

Notified Body:

Intertek Italia S.p.A. (2575)

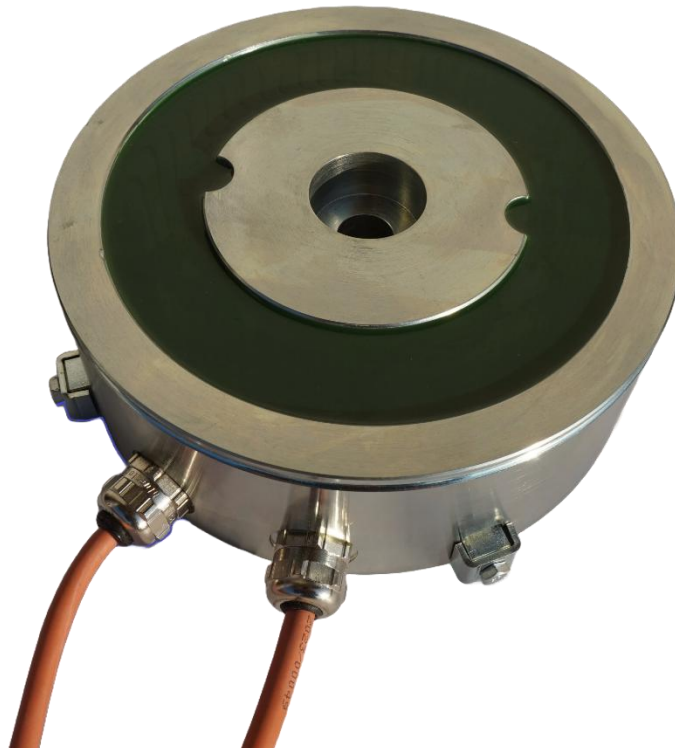


IECEx Certificate of Conformity

IECEx ITS 25.0031X

Notified Body:

Intertek Italia S.p.A. (2575)



II2G Ex mb IIC T6 Gb

Marking for gas

II2D Ex mb IIIC T85°C Db

Marking for dust

Gli elettromagneti EXD130_0891, EXD160_0891, EXD180_0891 sono certificati per essere utilizzati in zone a rischio esplosione 1, 2 (gas, nebbia, vapori) e zone 21, 22 (polveri) secondo direttiva ATEX 2014/34/UE e schema IECEx.

- bobina di rame incapsulata in resina epossidica;
- nucleo in acciaio zincato;
- protezione termica integrata auto ripristinante, intervento a 90°C (terminali D ed E);
- fusibile termico di sicurezza integrato, non ripristinabile, intervento a 100°C.

Electromagnets EXD130_0891, EXD160_0891, EXD180_0891 are certified for use in hazardous areas zone 1, 2 (gas, mist, vapour) and zone 21, 22 (dust) acc.to ATEX directive 2014/34/EU and IECEx scheme.

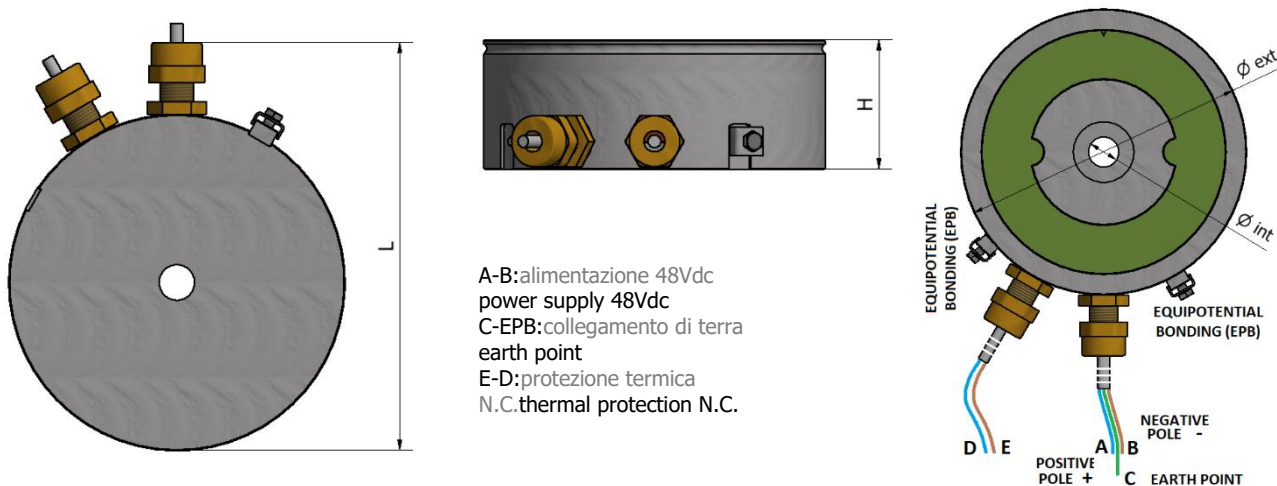
- copper coil encapsulated in epoxy resin;
- galvanised steel core.
- Integrated, auto-resetting thermal protection, intervention temperature: 90°C (D and E terminals)
- Integrated safety, non-resettable thermal fuse, intervention temperature: 100°C.



DIMENSIONI / DIMENSIONS

TIPO / TYPE	Øext	Øint	H	L	Peso / weight (kg)
EXD130_xxx_0891	130	17	60	155	4,6
EXD160_xxx_0891	160			185	7,5
EXD180_xxx_0891	180			205	10,0

dimensioni in mm / dimensions in mm



DATI TECNICI / TECHNICAL DETAILS

TIPO / TYPE	Forza di tenuta Holding force (daN)	Tensione Power supply (Vdc)	Assorbimento Rated current (A)	Switch ON / OFF (s)
EXD130_xxx_0891	540	48	0.65	6 / 9
EXD160_xxx_0891	990		1.22	
EXD180_xxx_0891	1300		1.56	

Servizio intermittente 40% = tempo di alimentazione 6 secondi max
Duty cycle 40% = power on 6 seconds max

Per ulteriori informazioni tecniche, installazione e manutenzione, consultare il manuale d'uso e manutenzione "UM-ATEX"
For any further information regarding technical data, installation and maintenance, please check use and maintenance manual "UM-ATEX"

CODICI ORDINAZIONE / ORDER CODES

E	X	D	1	3	0	-	x	x	x	-	0	8	9	1
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SERIE / PRODUCT SERIES

MODELLO / PRODUCT MODEL:
130; 160; 180

VARIANTI AMMESSE / VARIANTS ALLOWED
001 = lunghezza cavi 1m / 1m cables length
Lunghezza cavo diversa / different cable length;
Altro / other.

SPECIFICHE TECNICHE DI ELFRI / ELFRI TECHNICAL SPECIFICATION