RACCORDI A PROVA DI ESPLOSIONE GRUPPO IIC

EXPLOSION PROOF PIPE FITTINGS IIC GROUP

ATEX

PLG - V - RE... - EM - NP - EL - DL - DB...

Installazione	: ZONA 1-2 (EN 60.079-10) CLASSE 1 DIVISIONE 1-2 (NEC) CLASSE 2 DIVISIONE 1-2 (NEC)	*Installation*	*: ZONE 1-2 (EN 60.079-10)* *CLASS 1 DIVISION 1-2 (NEC)* *CLASS 2 DIVISION 1-2 (NEC)*
Gruppi di Gas	: IIA - IIB - IIC (CENELEC EN 50.014) GRUPPO B-C-D-E-F-G (NEC)	*Gas groups*	*: IIA - IIB - IIC (CENELEC EN 50.014)* *GROUPS B-C-D-E-F-G (NEC)*
Modo di protezione	: EEx-d IIC (EN 50.014 - EN 50.018)	*Protection type*	*: EEx-d IIC (EN 50.014 - EN 50.018)*
Classificazione	**: Categoria II 2 G**	***Classification***	***: Category II 2 G***

Esecuzione *Execution*	**Apparecchiatura** *Equipment*		**Certificato** *Certificate*
EEx-d IIC EEx-e II	Tappi di Chiusura	*Stopping Plugs*	**LOM 02 ATEX 3059U**
	Valvole di Drenaggio	*Drain Valves*	
	Riduzioni	*Reductions*	
	Manicotti	*Couplings*	
	Nippli	*Nipples*	
	Curve a Gomito	*Elbows*	
	Terminali	*Bushings*	
	Tubo Conduit	*Rigid Steel Conduit*	

Materiali :	***Standard materials :***
Acciaio Inossidabile	***Stainless Steel***
Tappi di Chiusura - Valvole di Drenaggio	*Stopping Plugs - Drain/Breather Valves*
Acciaio Zincato	***Galvanised Steel***
Riduzioni - Nippli - Manicotti - Dadi (DL1÷DL6)	*Reductions - Nipples - Couplings - Steel Conduit*
Tappi (PLG1÷PLG3) - Tubo Conduit	*Locknuts (DL1÷DL6) - Stopping Plugs (PLG1÷PLG3)*
Alluminio Marino	***Marine Grade Copper Free Aluminium***
Curve a Gomito - Tappi di Chiusura (PLG4÷PLG10)	*Elbows - Stopping Plugs (PLG4÷PLG10)*
Lega Leggera	***Light Alloy***
Dadi (DL7÷DL10) - Terminali	*Locknuts (DL7÷DL10) - Bushings*
Filettature: di serie UNI 6125-74 / ISO-7/1 (A richiesta: NPT ANSI / ASME B1.20.1)	*Threads: Standard UNI 6125-74 / ISO-7/1* *(On request: NPT ANSI / ASME B1.20.1)*

Fram S.r.l.
Forniture Elettriche Apparecchiature Materiali

RACCORDI A PROVA DI ESPLOSIONE GRUPPO IIC

EXPLOSION PROOF PIPE FITTINGS IIC GROUP

PLG - V - RE... - EM - NP - EL - DL - DB...

CARATTERISTICHE TECNICHE - *TECHNICAL CHARACTERISTICS*

RIDUZIONI / ADATTATORI - *REDUCERS / ADAPTORS*

FIGURA "C" - *DETAIL "C"*			FIGURA "D" - *DETAIL "D"*			FIGURA "E" - *DETAIL "E"*			FIGURA "F" - *DETAIL "F"*		
TIPO - *TYPE*			**TIPO - *TYPE***			**TIPO - *TYPE***			**TIPO - *TYPE***		
RIDUZIONE AD ANELLO *RING REDUCER*			RIDUZIONE A BICCHIERE *GLASS REDUCER*			RIDUZIONE A BICCHIERE *GLASS REDUCER*			RIDUZIONE A BICCHIERE *GLASS REDUCER*		
	Ø MAX.	**Ø MIN.**		**Ø MAX.**	**Ø MIN.**		**Ø MAX.**	**Ø MIN.**		**Ø MAX.**	**Ø MIN.**
RE-138	1/2" M	3/8" F	-	-	-	-	-	-	-	-	-
RE-21	3/4" M	1/2" F	**REB-21**	3/4" F	1/2" M	**REM-21**	3/4" F	1/2" F	**REN-21**	3/4" M	1/2" M
RE-31	1" M	1/2" F	**REB-31**	1" F	1/2" M	**REM-31**	1" F	1/2" F	**REN-31**	1" M	1/2" M
RE-32	1" M	3/4" F	**REB-32**	1" F	3/4" M	**REM-32**	1" F	3/4" F	**REN-32**	1" M	3/4" M
RE-42	1 1/4" M	3/4" F	**REB-42**	1 1/4" F	3/4" M	**REM-42**	1 1/4" F	3/4" F	**REN-42**	1 1/4" M	3/4" M
RE-43	1 1/4" M	1" F	**REB-43**	1 1/4" F	1" M	**REM-43**	1 1/4" F	1" F	**REN-43**	1 1/4" M	1" M
RE-51	1 1/2" M	1/2" F	**REB-51**	1 1/2" F	1/2" M	**REM-51**	1 1/2" F	1/2" F	**REN-51**	1 1/2" M	1/2" M
RE-52	1 1/2" M	3/4" F	**REB-52**	1 1/2" F	3/4" M	**REM-52**	1 1/2" F	3/4" F	**REN-52**	1 1/2" M	3/4" M
RE-53	1 1/2" M	1" F	**REB-53**	1 1/2" F	1" M	**REM-53**	1 1/2" F	1" F	**REN-53**	1 1/2" M	1" M
RE-54	1 1/2" M	1 1/4" F	**REB-54**	1 1/2" F	1 1/4" M	**REM-54**	1 1/2" F	1 1/4" F	**REN-54**	1 1/2" M	1 1/4" M
RE-62	2" M	3/4" F	**REB-62**	2" F	3/4" M	**REM-62**	2" F	3/4" F	**REN-62**	2" M	3/4" M
RE-63	2" M	1" F	**REB-63**	2" F	1" M	**REM-63**	2" F	1" F	**REN-63**	2" M	1" M
RE-64	2" M	1 1/4" F	**REB-64**	2" F	1 1/4" M	**REM-64**	2" F	1 1/4" F	**REN-64**	2" M	1 1/4" M
RE-65	2" M	1 1/2" F	**REB-65**	2" F	1 1/2" M	**REM-65**	2" F	1 1/2" F	**REN-65**	2" M	1 1/2" M
RE-72	2 1/2" M	3/4" F	**REB-72**	2 1/2" F	3/4" M	**REM-72**	2 1/2" F	3/4" F	**REN-72**	2 1/2" M	3/4" M
RE-73	2 1/2" M	1" F	**REB-73**	2 1/2" F	1" M	**REM-73**	2 1/2" F	1" F	**REN-73**	2 1/2" M	1" M
RE-74	2 1/2" M	1 1/4" F	**REB-74**	2 1/2" F	1 1/4" M	**REM-74**	2 1/2" F	1 1/4" F	**REN-74**	2 1/2" M	1 1/4" M
RE-75	2 1/2" M	1 1/2" F	**REB-75**	2 1/2" F	1 1/2" M	**REM-75**	2 1/2" F	1 1/2" F	**REN-75**	2 1/2" M	1 1/2" M
RE-76	2 1/2" M	2 " F	**REB-76**	2 1/2" F	2" M	**REM-76**	2 1/2" F	2" F	**REN-76**	2 1/2" M	2" M
RE-82	3" M	3/4" F	**REB-82**	3" F	3/4" M	**REM-82**	3" F	3/4" F	**REN-82**	3" M	3/4" M
RE-83	3" M	1" F	**REB-83**	3" F	1" M	**REM-83**	3" F	1" F	**REN-83**	3" M	1" M
RE-84	3" M	1 1/4" F	**REB-84**	3" F	1 1/4" M	**REM-84**	3" F	1 1/4" F	**REN-84**	3" M	1 1/4" M
RE-85	3" M	1 1/2" F	**REB-85**	3" F	1 1/2" M	**REM-85**	3" F	1 1/2" F	**REN-85**	3" M	1 1/2" M
RE-86	3" M	2 " F	**REB-86**	3" F	2" M	**REM-86**	3" F	2" F	**REN-86**	3" M	2" M
RE-87	3" M	2 1/2" F	**REB-87**	3" F	2 1/2" M	**REM-87**	3" F	2 1/2" F	**REN-87**	3" M	2 1/2" M

TAPPI / NIPPLI / MANICOTTI - *STOPPING PLUGS / NIPPLES / COUPLINGS*

FIGURA "A" - *DETAIL "A"*		FIGURA "G" - *DETAIL "G"*		FIGURA "H" - *DETAIL "H"*	
TIPO - *TYPE*		**TIPO - *TYPE***		**TIPO - *TYPE***	
TAPPI DI CHIUSURA *STOPPING PLUGS*		NIPPLI *NIPPLES*		MANICOTTI *COUPLINGS*	
	Ø DIM. - *Ø SIZE*		**Ø DIM. - *Ø SIZE***		**Ø DIM. - *Ø SIZE***
PLG-1	1/2"	**NP-1**	1/2"	**EM-1**	1/2"
PLG-2	3/4"	**NP-2**	3/4"	**EM-2**	3/4"
PLG-3	1"	**NP-3**	1"	**EM-3**	1"
PLG-4	1 1/4"	**NP-4**	1 1/4"	**EM-4**	1 1/4"
PLG-5	1 1/2"	**NP-5**	1 1/2"	**EM-5**	1 1/2"
PLG-6	2"	**NP-6**	2"	**EM-6**	2"
PLG-7	2 1/2"	**NP-7**	2 1/2"	**EM-7**	2 1/2"
PLG-8	3"	**NP-8**	3"	**EM-8**	3"
PLG-10	4"	**NP-10**	4"	**EM-10**	4"

VALVOLE DI DRENAGGIO *DRAIN VALVES*

FIGURA "B" - DETAIL "B"

TIPO - *TYPE*	**Ø DIM. - *Ø SIZE***
V	1/2"

NOTA:
A richiesta è possibile la fornitura di adattatori per accoppiare parti con filettature diverse

NOTE:
Supply of adaptors to couple different threads is possible upon request

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EXPLOSION PROOF PIPE FITTINGS IIC GROUP

PLG - V - RE... - EM - NP - EL - DL - DB...

CARATTERISTICHE TECNICHE - *TECHNICAL CHARACTERISTICS*

CURVE A GOMITO - *ELBOWS*

FIGURA "I" - *DETAIL "I"*		FIGURA "L" - *DETAIL "L"*		FIGURA "M" - *DETAIL "M"*	
TIPO - *TYPE*		**TIPO - *TYPE***		**TIPO - *TYPE***	
FEMMINA - FEMMINA *FEMALE - FEMALE*		MASCHIO - FEMMINA *MALE - FEMALE*		MASCHIO - MASCHIO *MALE - MALE*	
	Ø DIM. - *Ø SIZE*		**Ø DIM. - *Ø SIZE***		**Ø DIM. - *Ø SIZE***
ELF-1	1/2"	**ELFM-1**	1/2"	**ELM-1**	1/2"
ELF-2	3/4"	**ELFM-2**	3/4"	**ELM-2**	3/4"
ELF-3	1"	**ELFM-3**	1"	**ELM-3**	1"
ELF-4	1 1/4"	**ELFM-4**	1 1/4"	**ELM-4**	1 1/4"
ELF-5	1 1/2"	**ELFM-5**	1 1/2"	**ELM-5**	1 1/2"
ELF-6	2"	**ELFM-6**	2"	**ELM-6**	2"
ELF-7	2 1/2"	**ELFM-7**	2 1/2"	**ELM-7**	2 1/2"
ELF-8	3"	**ELFM-8**	3"	**ELM-8**	3"

CARATTERISTICHE TECNICHE - *TECHNICAL CHARACTERISTICS*

DADI / TERMINALI - *LOCKNUTS / BUSHINGS*

FIGURA "Q" - *DETAIL "Q"*		FIGURA "O" - *DETAIL "O"*		FIGURA "P" - *DETAIL "P"*	
TIPO - *TYPE*		**TIPO - *TYPE***		**TIPO - *TYPE***	
CONTRODADI *LOCKNUTS*		TERMINALI *BUSHINGS*		TERMINALI CON VITE *BUSHING WITH EARTH SCREW*	
	Ø DIM. - *Ø SIZE*		**Ø DIM. - *Ø SIZE***		**Ø DIM. - *Ø SIZE***
DL-1	1/2"	**DB-1**	1/2"	**DBT-1**	1/2"
DL-2	3/4"	**DB-2**	3/4"	**DBT-2**	3/4"
DL-3	1"	**DB-3**	1"	**DBT-3**	1"
DL-4	1 1/4"	**DB-4**	1 1/4"	**DBT-4**	1 1/4"
DL-5	1 1/2"	**DB-5**	1 1/2"	**DBT-5**	1 1/2"
DL-6	2"	**DB-6**	2"	**DBT-6**	2"
DL-7	2 1/2"	**DB-7**	2 1/2"	**DBT-7**	2 1/2"
DL-8	3"	**DB-8**	3"	**DBT-8**	3"
DL-10	4"	**DB-10**	4"	**DBT-10**	4"

CARATTERISTICHE TECNICHE - *TECHNICAL CHARACTERISTICS*

TUBO CONDUIT - *RIGID STEEL CONDUIT* FIGURA "N" - *DETAIL "N"*

GRANDEZZA *SIZE*	TIPO *TYPE*	FILETTATURA *THREADING*	ZINCATURA A CALDO *HOT DIP GALVANIZING*
1/2"	UNI 7683 UNI 8863	UNI 6125	UNI 5745
3/4"			
1"			
1 1/4"			
1 1/2"			
2"			
2 1/2"			
3"			
4"			

TUBO PORTACAVI
Per impinati elettrici in zona 1 e zona 2, zincato a caldo.
Completo di manicotto ad una estremità e tappo di protezione all'altra estremità.
Fornibile in barre da 3mt o 6 mt.

RIGID STEEL CONDUIT
For electrical wire protection in zone 1 and zone 2 area. Hot dip galvanized. Complete with one coupling at one end and plastic protecting cap at the other end.
Supplyable in bars 6 mt or 6 mt lenght.

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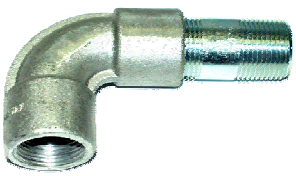
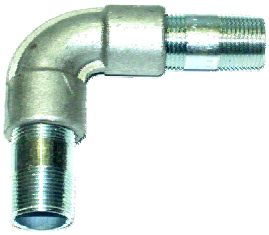
EXPLOSION PROOF PIPE FITTINGS IIC GROUP

PLG - V - RE... - EM - NP - EL - DL - DB...

FIGURE DI RIFERIMENTO - *REFERENCE DETAILS*

FIGURA "A" - *DETAIL "A"*	FIGURA "B" - *DETAIL "B"*	FIGURA "C" - *DETAIL "C"*	FIGURA "D" - *DETAIL "D"*
FIGURA "E" - *DETAIL "E"*	FIGURA "F" - *DETAIL "F"*	FIGURA "G" - *DETAIL "G"*	FIGURA "H" - *DETAIL "H"*
FIGURA "I" - *DETAIL "I"*	 FIGURA "L" - *DETAIL "L"*	 FIGURA "M" - *DETAIL "M"*	FIGURA "N" - *DETAIL "N"*
FIGURA "O" - *DETAIL "O"*	FIGURA "P" - *DETAIL "P"*	FIGURA "Q" - *DETAIL "Q"*	

Note :
Per tenere conto dell'evoluzione della normativa nazionale ed internazionale e della tecnologia, le caratteristiche sopra riportate si possono ritenere impegnative solo dopo nostra conferma

Note :
Due to the development of the national and international specifications and of the technology, the above characteristics can be considered as binding only on our confirmation