Base Load Power Hub (BLPH)

ATEX REGISTER

SDV/BDV AND TIGHT SHUT-OFF XV VALVES

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Rev.	Date	Description	Prepared	Reviewed	Approved
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Fluitek Valves

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Revision / Change Log

Rev.	Description
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No.	Description
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No.	Revision	Tag Number	Description	Location	Manufacturer	Model Type Catalogue Number	Serial Number	ATEX Certification Marking	Reference Document	ATEX Certificate Number	Installation Zone	Notes / Comments	P.O.	Vendor	Skid / Package	Barrier Calculation Ref.	Non-Electrical Equipment	Special Conditions of safe use Applicable
N.A	N.A	25-BDV-022	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-BDV-005	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-BDV-007	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-BDV-010	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-BDV-013	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-BDV-016	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-BDV-019	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-SDV-001	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-SDV-023	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	64-SDV-001	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-XV-004	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-XV-006	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-XV-008	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-XV-009	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-XV-011	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-XV-012	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-XV-014	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-XV-015	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-XV-017	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-XV-018	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-XV-020	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-XV-021	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-XV-024	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	50-XV-001	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	50-XV-002	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	50-XV-003	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	50-XV-004	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	80-XV-001	LIMIT SWITCHES BOX	N.A	SOLDO	FP06P-S1-04-32-NU-V-77A-24D-57	NOT REQUIRED IN PROJECT	Ex II 2GD Ex d IIC T4/T6	PLEASE CLARIFY	CML 19ATEX1359X	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	PAG 3 OF ATEX CERTIFICATE
N.A	N.A	25-BDV-022	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-BDV-005	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-BDV-007	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-BDV-010	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-BDV-013	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-BDV-016	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-BDV-019	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-SDV-001	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-SDV-023	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	64-SDV-001	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-XV-004	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-XV-006	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-XV-008	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-XV-009	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-XV-011	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-XV-012	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-XV-014	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-XV-015	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-XV-017	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-XV-018	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-XV-020	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-XV-021	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	25-XV-024	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	50-XV-001	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	50-XV-002	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	50-XV-003	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	50-XV-004	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE
N.A	N.A	80-XV-001	SOLENOID VALVE	N.A	BIFOLD	SQN120E-20X23L7	NOT REQUIRED IN PROJECT	Ex db IIC T6 / Ex tb IIIC T85°C Db	PLEASE CLARIFY	Baseefa10ATEX0026	Zone 2, Gas Group IIC	N.A	WHICH PO? 240145	RFS	NOT RFS SCOPE	N.A	?	NONE

N.A	N.A	25-BDV-022	floating ball valve	N.A	FLUITEK	1" 300#	2400620010001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-BDV-005	floating ball valve	N.A	FLUITEK	4" 300#	2400620020001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-BDV-007	floating ball valve	N.A	FLUITEK	4" 300#	2400620030001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-BDV-010	floating ball valve	N.A	FLUITEK	4" 300#	2400620040001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-BDV-013	floating ball valve	N.A	FLUITEK	4" 300#	2400620050001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-BDV-016	floating ball valve	N.A	FLUITEK	4" 300#	2400620060001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-BDV-019	floating ball valve	N.A	FLUITEK	4" 300#	2400620070001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-SDV-001	floating ball valve	N.A	FLUITEK	1" 300#	2400620080001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-SDV-023	floating ball valve	N.A	FLUITEK	1-1/2" 300#	2400620090001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	64-SDV-001	floating ball valve	N.A	FLUITEK	1" 300#	2400620100001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-XV-004	floating ball valve	N.A	FLUITEK	1" 300#	2400620110001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-XV-006	floating ball valve	N.A	FLUITEK	1" 300#	2400620120001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-XV-008	floating ball valve	N.A	FLUITEK	1" 300#	2400620130001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-XV-009	floating ball valve	N.A	FLUITEK	1" 300#	2400620140001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-XV-011	floating ball valve	N.A	FLUITEK	1" 300#	2400620150001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-XV-012	floating ball valve	N.A	FLUITEK	1" 300#	2400620160001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-XV-014	floating ball valve	N.A	FLUITEK	1" 300#	2400620170001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-XV-015	floating ball valve	N.A	FLUITEK	1" 300#	2400620180001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-XV-017	floating ball valve	N.A	FLUITEK	1" 300#	2400620190001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-XV-018	floating ball valve	N.A	FLUITEK	1" 300#	2400620200001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-XV-020	floating ball valve	N.A	FLUITEK	1" 300#	2400620210001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-XV-021	floating ball valve	N.A	FLUITEK	1" 300#	2400620220001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	25-XV-024	floating ball valve	N.A	FLUITEK	1" 300#	2400620230001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	50-XV-001	floating ball valve	N.A	FLUITEK	1-1/2" 150#	2400620240001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	50-XV-002	floating ball valve	N.A	FLUITEK	1" 150#	2400620250001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	50-XV-003	floating ball valve	N.A	FLUITEK	1-1/2" 150#	2400620260001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	50-XV-004	floating ball valve	N.A	FLUITEK	1" 150#	2400620270001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE
N.A	N.A	80-XV-001	floating ball valve	N.A	FLUITEK	1" 150#	2400620280001	Ex db IIC T6 / Ex tb IIIC T85°C Db	TF ATEX/2020	557/Ex-Ab 3221/20	Zone 2, Gas Group IIC	N.A	1724000204 123A90A	FLUITEK	NOT FLUITEK SCOPE	N.A	?	NONE

Bescheinigung über die Hinterlegung der Dokumentation
Acknowledgement of receipt

Hinterlegungsnummer *Deposit number*	**557/Ex-Ab 3221/20 (Updating 01)**
Gegenstand: Gerät / Typ *Subject: Equipment / type*	Technische Dokumentation / *Technical documentation* VALVES type: FB2/3-ST2/3-VL2/3-FBK/CA-STK/CA-VLK/CA-SWF-STT-WB2/3-GF/P-GT/Y/N-SW/C/Y-BUT (Technical File number: TF-ATEX/2020 rev.1)
Anschrift *Address*	FLUITEK ORSENIGO VALVES Srl Via dei Livelli di Sopra, 7/5 24060 Costa di Mezzate (BG) Italy

Die Unterlagen sind bei uns am 10/19/2022 eingegangen und werden unter o. g. Hinterlegungs-Nr. ordnungsgemäß gelagert bis 04/17/2030.
We received the documents on 10/19/2022 and stored them properly until 04/17/2030 under deposit number above.

Die TÜV Rheinland Industrie Service GmbH ist mit der Kenn-Nr. 0035 benannte Stelle für den Geltungsbereich der Richtlinie 2014/34/EU.
TÜV Rheinland Industrie Service GmbH has notified body number 0035 with the identification of the scope of Directive 2014/34/EU.

TÜV Rheinland Industrie Service GmbH
Anerkannte ATEX-Zertifizierstelle / ATEX-Notified Body Nr. 0035
Am Grauen Stein - 51105 Köln - Germany
(bearbeitende Stelle / executing unit: Alfredstr. 81, 45130 Essen)

i.A./ in order Michael Behrens 10/19/2022

10/201 10.17 E A4 ® TÜV, TUEV and TUV are registered trademarks. Utilisation and application requires prior approval.

EU - TYPE EXAMINATION CERTIFICATE

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU**

3 EU - Type Examination Certificate Number: **Baseefa10ATEX0026 – Issue 15**

4 Product: **Type 27 & 77 Solenoid Operator**

5 Manufacturer: **Bifold Fluidpower Limited**

6 Address: **Chadderton, Oldham, Greater Manchester, OL9 9XA, UK**

7 This re-issued certificate extends EU Type Examination Certificate No. **Baseefa10ATEX0026** to apply to product designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

8 SGS Fimko Oy, Notified Body number 0598, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

8.1 The original certificate was issued by SGS Baseefa Ltd (UK Notified Body 1180). It, and any supplements previously issued by SGS Baseefa Ltd have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

The examination and test results are recorded in confidential Report No. **See Certificate History**

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018 **EN 60079-1:2014** **EN 60079-31:2014**

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

11 This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the product shall include the following:

II 2GD **Ex db IIC T6 Gb (Tamb -60°C to +40°C)***
Ex tb IIIC T85°C Db (Tamb -60°C to +40°C)* IP66/67
***alternative Temperature class/Ambient combinations may also be marked, see schedule**

SGS Fimko Oy Customer Reference No. **1688** Project File No. **22/0377**

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Mikko Välimäki
Authorised Signatory for SGS Fimko Oy

13 # Schedule

14 ## Certificate Number Baseefa10ATEX0026 – Issue 15

15 Description of Product

The Type 77 and Type 27 Solenoid Operators are rated at up to 240Vac or dc and have a maximum power dissipation of 14W. The Type 77 Solenoid Operator comprises a stainless steel cylindrical enclosure, whereas the Type 27 comprises an aluminium cylindrical enclosure, both have a spigot cover fitted with a silicone rubber seal.

In addition to the above there is also a two winding alternative designated the 'Pulse-Pulse Solenoid operator' which has a maximum combined coil rating limited to 20.5W.

The base of the enclosure is fitted with an adaptor bush which incorporates venting holes to allow the unit to be fitted onto a valve assembly rated up to a maximum pneumatic pressure of 10 bar. For hydraulic valves and valves with pneumatic pressures greater than 10 bar the top of the valve is provided with additional venting holes.

Internally the unit is fitted with a coil holder, coil and armature onto which is mounted an adjusting rod which forms a cylindrical joint with the adaptor bush and operates the valve when the solenoid is activated.

The cover may be fitted with a pushbutton or a rotary operator which can be used to operate the valve manually either momentarily or permanently.

The cover is secured using four stainless steel socket head cap screws grade of grade A4-70.

The equipment is marked:

Ex db IIC T6 Gb (Tamb -60°C to +40°C)*

Ex tb IIIC T85°C Db (Tamb -60°C to +40°C)* IP66/67

*The following alternative Temperature class/Ambient combinations may also be marked

T5/T100°C (Tamb -60°C to +55°C)

T4/T135°C (Tamb -60°C to +90°C)

An M20 or ½" NPT cable entry hole is provided as specified on the certified drawings for the accommodation of suitable IECEx Equipment (not a Component) certified cable entry device, with or without the interposition of a suitable IECEx Equipment certified (not a Component) flameproof thread adapter.

An M20 cable entry is provided unless the marking 'K85' appears in the Model No. marked on the label, in which case a ½" NPT cable entry hole is provided.

16 Report Number

See Certificate History

17 Specific Conditions of Use

None

18 Essential Health and Safety Requirements

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product:

Clause	Subject
1.4.1	External effects
1.4.2	Aggressive substances etc.

19 Drawings and Documents

New drawings submitted for this issue of certificate:

Number	Issue	Date	Description
0-SL0070	0	2022.06.30	TYPE 27 & 77 SOLENOID LABEL - ROTORK BRAND - L240

Current drawings which remain unaffected by this issue:

Number	Issue	Date	Description
0-SC0004	1	09.07.20	Solenoid Lid Options G.A
0-SC0006	0	17.04.09	Latched Energised and Tamperproof Solenoid Options
0-SC0008	1	29.03.11	Override Cover Assembly
0-SC0009	0	12.02.15	Serial Numbers IIB, Type 77
**0-GA0870	0	07.11.17	General Arrangement L209 Variant – Fixed Head Operator
0-SC0003	11	20.09.21	Type 27 and 77 Solenoid Operator
0-SC0007	5	24.11.21	Sol. Operator Pulse-Pulse.
0-SL0056	4	13.01.22	Type 27 & 77 Solenoid housing label Ex d
0-SL0058	5	2022.02.07	Type 27 & 77 Solenoid housing label Ex d
0-SL0068	0	2022.01.17	Label Type 27 and 77 Solenoid Operator

**This drawing is common to this certificate and BAS02ATEX2048, BAS21UKEX0642 and is held with IECEx BAS 10.0008.

20 Certificate History

Certificate No.	Date	Comments
Baseefa10ATEX0026	20 April 2010	The release of the prime certificate. The associated test and assessment against the requirements of EN 60079-0: 2006, EN 60079-1: 2007, EN 61241-0: 2004 and EN 61241-1: 2004 is documented in Test Report No. GB/BAS/ExTR10.0014/00.
Baseefa10ATEX0026/1	7 April 2011	Amendment to the diametral tolerance for the adjusting rod. Omission of drawing 0-SC0001 (previously submitted in error). Alternative design of pushbutton override cover assembly. Minor drawing variations. Documented in Test Report No. GB/BAS/ExTR11.0084/00
Baseefa10ATEX0026/2	8 July 2011	Alternative internal design to form the Pulse-Pulse Solenoid Operator. This unit has two windings with a combined rating of 20.5W. Amended designation for the solenoid housing material. Documented in Test Report No. GB/BAS/ExTR11.0123/00
Baseefa10ATEX0026/3	2 April 2012	Alternative label design incorporating the complete range of temperature class and ambient temperature markings provided for by this certificate. Documented in Test Report No. GB/BAS/ExTR12.0086/00

Certificate No.	Date	Comments
Baseefa10ATEX0026/4	2 December 2013	A re-designation of the Type FP Solenoid Operator, to the Type 77 Solenoid Operator. A satisfactory assessment against the requirements of the updated standards IEC 60079-0: 2011 and IEC 60079-31: 2008 (superseding IEC 61241), complete with a review of the marking. Introduction of an alternative aluminium housing and cover material. Documented in Test Report No. GB/BAS/ExTR13.0291/00
Baseefa10ATEX0026/5	29 July 2014	This issue permits existing information (for example on Schedule Drawings) to be replaced by the revised certificate holders address. No other changes may be made to the certified design. Documented in Test Report No. None.
Baseefa10ATEX0026/6	17 February 2015	Clarification of the Type name. The Type 77 comprises a stainless steel housing and the Type 27 comprises an aluminium housing. To allow the introduction of alternative seal materials. To allow the Type 77 Solenoid Operators having Serial numbers as defined in drawing number 0-SC0009 to be marked with Ex d IIB T6 Gb. Documented in Test Report No. GB/BAS/ExTR14.0317/00
Baseefa10ATEX0026/7	23 June 2016	Minor drawing changes not affecting certification. Documented in Test Report No. GB/BAS/ExTR16.0164/00
Baseefa10ATEX0026/8	16 March 2017	To allow the introduction of an alternative low power circuit. To allow for correction of the Type designation listed on the EU-Type Examination Certificate Baseefa10ATEX0026 To allow for correction of description to include the Pulse Pulse Unit. Documented in Test Report No. GB/BAS/ExTR17.0076/00
Baseefa10ATEX0026/9	20 July 2017	To allow the introduction of an alternative low power circuit. Documented in Test Report No. GB/BAS/ExTR17.0211/00
Baseefa10ATEX0026/10	3 January 2018	To introduce an alternative non-rotational mounting arrangement to attach the adaptor bushing via the coil holder to the enclosure housing. Identification of threaded entry holes on the enclosure wall. Documented in Test Report No. GB/BAS/ExTR17.0274/00
Baseefa10ATEX0026/11	7 March 2018	To introduce alternative terminal plate with a different grounding point design. To introduce optional certification marks in addition to the existing one to be included on to the certification label marking. Documented in Test Report No. GB/BAS/ExTR 18.0041/00
Baseefa10ATEX0026/12	12 July 2019	To assess the Type 27 and 77 Solenoid Operator against the standards EN IEC 60079-0:2018, EN 60079-1:2014 and EN 60079-31:2014 To permit minor drawing changes to the certification label that do not affect certification Documented in Test Report No. GB/BAS/ExTR19.0100/00

Certificate No.	Date	Comments
Baseefa10ATEX0026/13	14 July 2020	To introduce an alternative Detented Manual Over-Ride Lid (alternative spigoted cover), which allows the valve to be operated manually. Documented in Test Report No. GB/BAS/ExTR19.0341/00.
Baseefa10ATEX0026 – issue 14	11 February 2022	This issue of the certificate incorporates previously issued primary & supplementary certificates. To remove drawings 138-10, 138-10-K85, 0-S0252 and 0-S0254 transferring critical details to drawing 0-SC0003 revision 11. To remove drawing 0-SC0001. To add drawing 0-SL0068. To add an alternative encapsulant. To update the nameplate drawings to include UKEX details. Documented in Test Report No. GB/BAS/ExTR21.0158/00
Baseefa10ATEX0026 – issue 15	2 November 2022	This issue of the certificate incorporates previously issued primary & supplementary certificates. To add an alternative marking drawing with a different manufacturer branding. The assessment is documented in test report GB/BAS/ExTR22.0138/00
For drawings applicable to each issue, see original of that issue.		

EU Type Examination Certificate CML 19ATEX1359X Issue 1

1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

2 Equipment **SOLDO™ SK and SQ Series Limit Switch Boxes**

3 Manufacturer **Rotork Instruments Italy srl**

4 Address **Via Portico 17**
24050
Orio al Serio (BG)
Italy

5 The equipment is specified in the description of this certificate and the documents to which it refers.

6 CML B.V., Chamber of Commerce No 67386717, Koopvaardijweg 32, 4906CV Oosterhout, The Netherlands, Notified Body Number 2776, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 12.

7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.

8 This EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

EN IEC 60079-0:2018 EN 60079-1:2014 EN 60079-31:2014

10 The equipment shall be marked with the following:

II 2 G D

Ex db IIC T* Gb

Ex tb IIIC T*°C Db

Ta = -55°C to +*°C

**The ambient temperature classes and maximum surface temperature for dust depend upon the ambient temperature ranges. See Table in Section 11.*

11 Description

The SOLDO™ SK and SQ Series Limit Switch Boxes are electromechanical devices used to indicate the position of valves/actuators etc. by means of an electrical signal and an optional visual indicator. The metallic enclosure is constructed from aluminium (SK) or 316 or 316L stainless steel (SQ) and comprises of two enclosure halves secured with 4 x M6 stainless steel fasteners with a minimum property class of 500 MPa. An operating rod passes through each enclosure half for connection to the device being monitored. The rod operates the internal switch/sensor for signalling and passes through to the external indicator (when fitted). There are two threaded entries (M20 or ½" NPT) into the enclosure for cable entry.

The applicable ambient temperature ranges and corresponding Temperature Classes and Maximum Surface Temperatures for Dust are detailed in the table below:

Ambient Temp. Range	T Class	Maximum Surface Temp. for Dust
-55°C to +60°C	T6	T85°C
-55°C to +80°C	T5	T100°C
-55°C to +105°C	T4	T135°C

Rating:

Max. Voltage: 125 Vdc/250 Vac
Max. Current: 10 A
Max. Power: 10 W

Notes:

- Sira 12ATEX1098X is superseded by this certificate.
- The product covered by Issue 0 of this certificate remains identical to that previously covered by Sira 12ATEX1098X.
- Where Sira 12ATEX1098X is specified in other product certification, or other technical specifications, this certificate reference for the product shall be used in its place; updating of the other product certificate or technical specification is not required.

Variation 1

This variation introduced the following changes:

i. Introduction of power dissipation calculation as supporting certification document.

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	04 Oct 2019	R12654A/00	Initial issue
1	27 Mar 2024	R17518A/00	Introduction of Variation 1

Note: Drawings that describe the equipment or component are listed in the Annex.

13 Conditions of Manufacture

The following conditions are required of the manufacturing process for compliance with the certification.

i. Where the product incorporates certified parts or safety critical components, the manufacturer of the product defined on this certificate shall continually monitor these parts/components for any modifications introduced by the manufacturer(s) of these constituent parts. If the manufacturer of any constituent part introduces any changes which affect the compliance of the certified product that is the subject of this certificate, the manufacturer is required to have this certificate updated.

ii. The power dissipation inside the flameproof enclosure shall not exceed 10 W.

14 Specific Conditions of Use (Special Conditions)

The following conditions relate to safe installation and/or use of the equipment.

i. The equipment is fitted with a non-conducting position indicator which could potentially generate an ignition-capable level of electrostatic charge under certain extreme conditions. Therefore, the equipment shall not be installed in a location where it may be subjected to external conditions (such as high-pressure steam) which might cause a build-up of electrostatic charge on the non-conducting surfaces. Additionally, cleaning of the equipment should be done only with a damp cloth.

ii. The maximum temperature at the cable entry points may exceed 70°C. The user shall refer to the manufacturer's instructions document for guidance in respect of the selection of suitable cabling for the equipment.

iii. Dust layers in excess of 50 mm shall not be allowed to form on the equipment.

iv. The following have a minimum flamepath width (*L*) and maximum gap (i_c) other than that detailed in EN 60079-1 Table 3 and are detailed below:

Flamepath	**Joint Width (*L*) mm**	**Max. Gap (i_c) mm**
Cover shaft/Cover	26	0.097
Body Shaft/Body	26	0.097

Certificate Annex

Certificate Number	**CML 19ATEX1359X**
Equipment	**SOLDO™ SK and SQ Series Limit Switch Boxes**
Manufacturer	**Rotork Instruments Italy srl**

The following documents describe the equipment or component defined in this certificate:

Issue 0

Drawing No	Sheets	Rev	Approved date	Title
SL-0202069-00	1 of 1	-	04 Oct 2019	Coperchio SQ certificazione ATEX IECEx UL
SL-0202070-00	1 of 1	-	04 Oct 2019	Coperchio SK certificazione ATEX IECEx UL
SL-0201093-00	1 of 1	-	04 Oct 2019	Corpo SQ certificazione ATEX IECEx UL
SL-0201096-00	1 of 1	-	04 Oct 2019	Corpo SK certificazione ATEX IECEx UL
SD-0201130-00	1 of 1	-	04 Oct 2019	Corpo SK certificazione ATEX IECEx
SD-0201132-00	1 of 1	-	04 Oct 2019	Corpo SQ certificazione ATEX IECEx
SD-0202091-00	1 of 1	-	04 Oct 2019	Cover SQ certificazione ATEX IECEx
SD-0202093-00	1 of 1	-	04 Oct 2019	Cover SQ certificazione ATEX IECEx
SL-0204138-00	1 of 1	-	04 Oct 2019	Stelo corpo SK-SQ certifcazione ATEX
SL-0204140-00	1 of 1	-	04 Oct 2019	Stelo coperchio SK-SQ certificazione ATEX
SD-0204186-01	1 of 1	01	04 Oct 2019	Shaft body SK sintered bronze bush approval ATEX IECEx UL
SD-0204187-01	1 of 1	01	04 Oct 2019	Shaft cover SK sintered bronze bush approval ATEX IECEx UL
SD-0204184-01	1 of 1	01	04 Oct 2019	Shaft body SQ sintered bronze bush approval ATEX IECEx UL
SD-0204185-01	1 of 1	01	04 Oct 2019	Shaft cover SQ sintered bronze bush approval ATEX IECEx UL
SD-0213155-00	1 of 1	-	04 Oct 2019	Retaining ring UNI 7434-8
SD-0213152-00	1 of 1	-	04 Oct 2019	Retaining washer for shaft UNI 7435 D2
SL-0208046-00	1 of 1	-	04 Oct 2019	Vite coperchio SK-SQ certificazione ATEX
SD-0207019-00	1 of 1	-	04 Oct 2019	O-ring shaft SK-SQ ATEX IECEx UL
SL-0207020-00	1 of 1	-	04 Oct 2019	O-ring coperchio SK-SQ certificazione ATEX
SD-0211053-03	1 of 1	3-1	04 Oct 2019	SQ metal plate IP66-67 ATEX/IECEx certification
SD-0211054-03	1 of 1	3-1	04 Oct 2019	SQ metal plate IP66-68 10 m ATEX/IECEx certitication
SD-0211055-03	1 of 1	3-1	04 Oct 2019	SK metal plate IP66-67 ATEX/IECEx certification

Certificate Annex

Certificate Number **CML 19ATEX1359X**

Equipment **SOLDO™ SK and SQ Series Limit Switch Boxes**

Manufacturer **Rotork Instruments Italy srl**

Drawing No	Sheets	Rev	Approved date	Title
SD-0211056-03	1 of 1	3-1	04 Oct 2019	SK metal plate IP66-68 10 m ATEX/IECEx certification
SD-0225231-00	1 of 1	-	04 Oct 2019	Assieme SQ-SK certificazione ATEX IECEx UL
SD-0225228-00	1 of 1	-	04 Oct 2019	SK assembly
SD-0225232-00	1 of 1	-	04 Oct 2019	SQ assembly
SD-0225293-00	1 of 1	-	04 Oct 2019	SQ assembly certificazione ATEX IECEx
SD-0225295-00	1 of 1	-	04 Oct 2019	SK assembly certificazione ATEX IECEx
SL-0212199-00	1 of 1	-	04 Oct 2019	Tipico Cicuito Stapato 5 Amp, Certificazione ATEX
SL-0223298-00	1 of 1	-	04 Oct 2019	Scheda C/Stapato 10 Amp, Certificazione ATEX
SD-0212239-00	1 of 1	-	04 Oct 2019	Circuito Stampato Destro DPDT SK
SD-0212232-00	1 of 1	-	04 Oct 2019	Circuito Stampato Verticale Sinistro DPDT SK
SD-0212230-00	1 of 1	-	04 Oct 2019	Circuito Stampato Sinistro DPDT SK
SD-0212240-00	1 of 1	-	04 Oct 2019	Circuito Stampato Verticale DPDT SK

Issue 1

None.