



Operation and instruction manual Ex d Pullingbox

Aluminium
Stainless Steel



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Purpose of these instructions

Working in hazardous areas, the safety of personnel and plant depends on complying with all relevant safety regulations. Assembly and maintenance staff working on installations therefore have a particular responsibility. They require precise knowledge of the applicable standards and regulations. These instructions give a brief summary of the most important safety measures. It supplements the corresponding regulations which the staff must study.



SAFETY INSTRUCTIONS

Use the explosion-proof box only for its intended purpose. Explosion-proof boxes are not suitable for Zone 0 hazardous areas!
 Incorrect or impermissible use or non-compliance with these instructions invalidates our warranty provision. No changes to the device impairing its explosion protection are permitted.
 Use the explosion-proof box only if it is clean and undamaged.
 Any damage can invalidate the Ex-protection.

Observe the following during installation and operation:

- National safety regulations
- National accident prevention regulations;
- National installation regulations(e.g. IEC 60079-14);
- Generally recognized technical regulations;
- Safety guidelines in these operating instructions;
- Characteristic values given on Ex labels

Applicable scope

Transport and storage in original packaging only. National safety and installations regulations and the generally accepted rules of engineering practice must be observed when mounting and operating this equipment.

Technical data

Ex mark: Ⓜ II 2G Ex db IIC T6 Gb
 Ⓜ II 2D Ex tb IIIC 85°C Db

Can be used in zone 1,2, 21 en 22
 Ambient temperature: $-20^{\circ}\text{C} \leq T_a \leq 40^{\circ}\text{C}$
 Optional temperature: $-40^{\circ}\text{C} \leq T_a \leq 60^{\circ}\text{C}$ (T5)
 Degree of protection: IP66 / IP67
 Max. voltage prim. 750 V / I max. 170 A

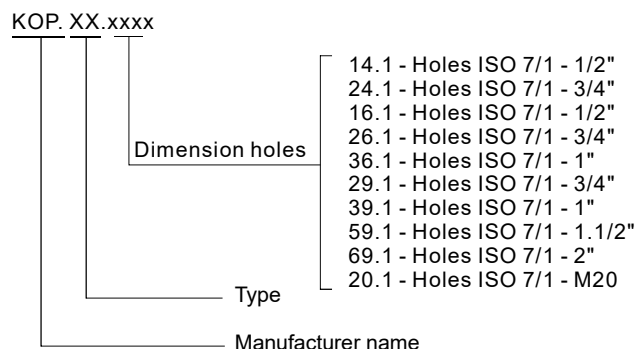
Certificate CESI 02ATEX091
 IECEX CES 14.0018X

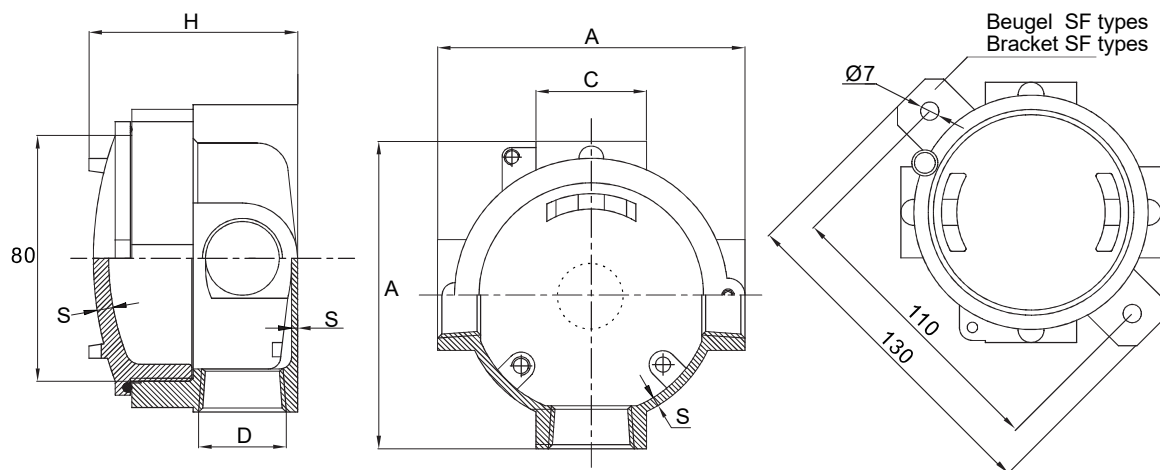
Conformity to standards










The explosion-proof box is designed and manufactured according to standard of ISO 9001. The explosion-proof box is in conformity with ATEX directive and the standards:

IEC60079 - 0,	En60079 - 0
IEC60079 - 1,	EN60079 - 1
IEC60079 - 11,	EN60079 - 11
IEC60079 - 7	EN60079 - 7
IEC61241-1,	EN61241-1

Model and implication





Kabelingang Cable entry		D	A	H	S	Type
	1 Ingang in zijwand 1 Entry in side	1/2"	100	67	3	KOP - SFA 16
		3/4"	100	67	3	KOP - SFA 26
		1"	106	75	3	KOP - SFA 36
	2 Ingangen in zijwand 2 Entries in side	1/2"	100	67	3	KOP - SFL 16
		3/4"	100	67	3	KOP - SFL 26
		1"	106	75	3	KOP - SFL 36
	3 Ingangen in zijwand 3 Entries in side	1/2"	100	67	3	KOP - SFT 16
		3/4"	100	67	3	KOP - SFT 26
		1"	106	75	3	KOP - SFT 36
	4 Ingangen in zijwand 4 Entries in side	1/2"	100	67	3	KOP - SFX 16
		3/4"	100	67	3	KOP - SFX 26
		1"	106	75	3	KOP - SFX 36
	2 Ingangen in zijwand 2 Entries in side	1/2"	100	67	3	KOP - SFC 16
		3/4"	100	67	3	KOP - SFC 26
		1"	106	75	3	KOP - SFC 36
	1 Ingang zijwand + 1 ingang bodem 1 Entry in side + 1 entry in bottom	1/2"	100	67	3	KOP - GUAB (SB)16
		3/4"	100	67	3	KOP - GUAB (SB)26
		1"	106	75	3	KOP - GUAB (SB)36
	2 Ingangen zijwand + 1 ingang bodem 2 Entries in side + 1 entry in bottom	1/2"	100	67	3	KOP - GUAP (SP)16
		3/4"	100	67	3	KOP - GUAP (SP)26
		1"	106	75	3	KOP - GUAP (SP)36
	3 Ingangen zijwand + 1 ingang bodem 3 Entries in side + 1 entry in bottom	1/2"	100	67	3	KOP - GUAW (SW)16
		3/4"	100	67	3	KOP - GUAW (SW)26
		1"	106	75	3	KOP - GUAW (SW)36
	2 Ingangen zijwand + 1 ingang bodem 2 Entries in side + 1 entry in bottom	1/2"	100	67	3	KOP - GUAM (SM)16
		3/4"	100	67	3	KOP - GUAM (SM)26
		1"	106	75	3	KOP - GUAM (SM)36

Alle SF types worden geleverd met montagebeugel
All SF types complete with mounting bracket

Earthing or equipotential banding connection facilities shall allow for the effective connection of at least one conductor with a cross sectional as indicated following

The diameter of the earth wire is equal to the diameter of the other wiring with a minimum of 4 mm or at least half of a wiring larger than 35 mm

