



FOCUS ON

A SAMSON & KROHNE COMPANY

QUICK START GUIDE

FOCUS-1_EX INSTALLATION AND INITIAL START-UP

DEVICE VARIATIONS

	Flange size	Pressure Class
ANSI	2", 3", 4"	300
		150
DIN	DN 50, DN 80 DN 100	PN16
		PN40

SIGNAL INPUT AND OUTPUT

4-20mA IN (1) & 4-20mA IN (external sensor)

4-20mA OUT (HART, passive)

REQUIRED TOOLS



	SIZE 5
	SIZE 6



	SIZE 15
	SIZE 24

MORE INFO ON DEVICE

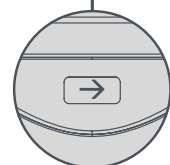
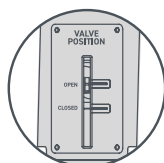


USER MANUAL
Explosion Safety Supplementary
Manual HART Supplimenraty Manual

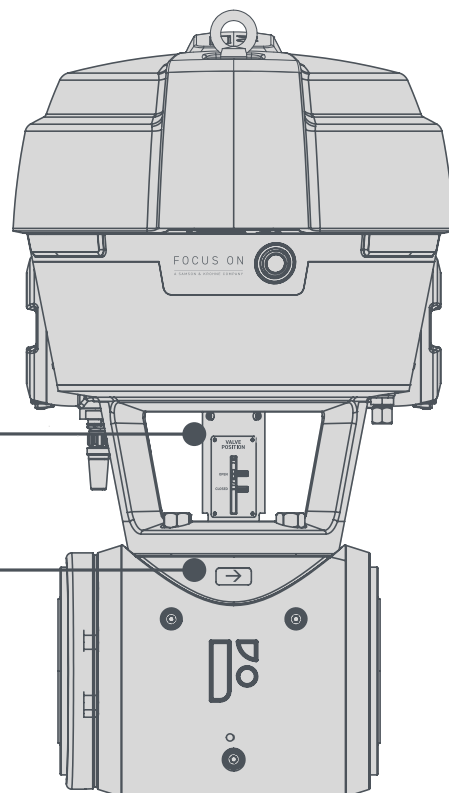


CERTIFICATS

DEVICE POSITIONER

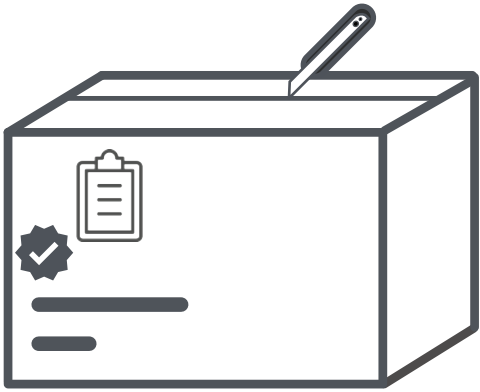
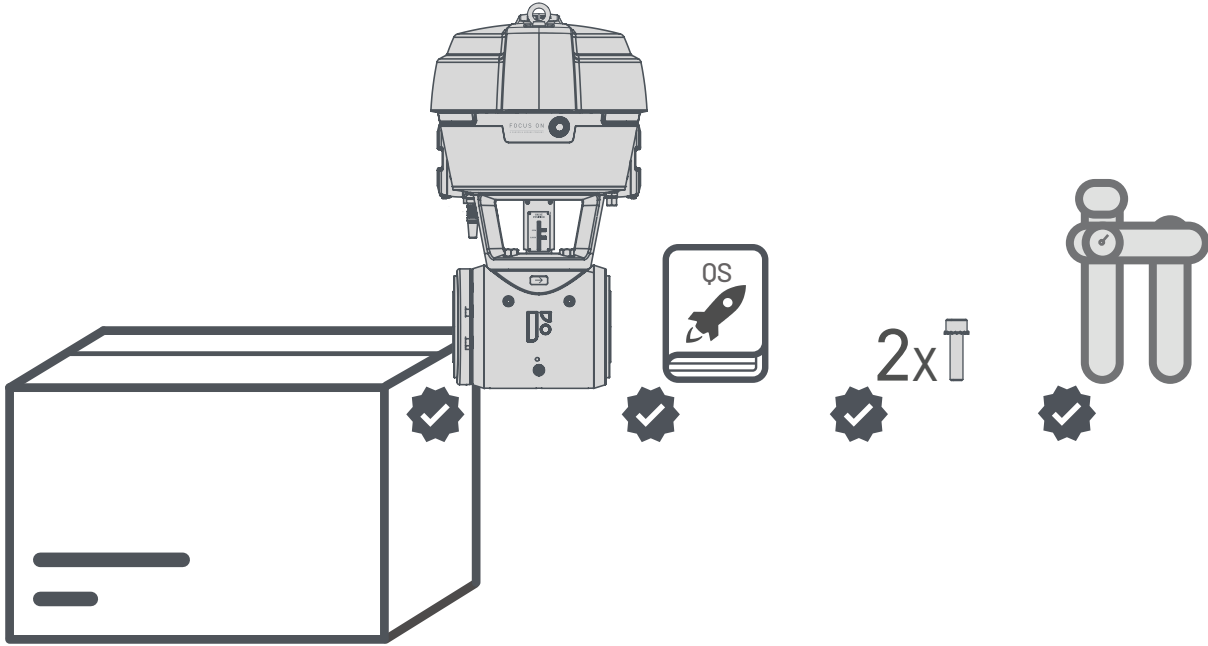


FLOW DIRECTION

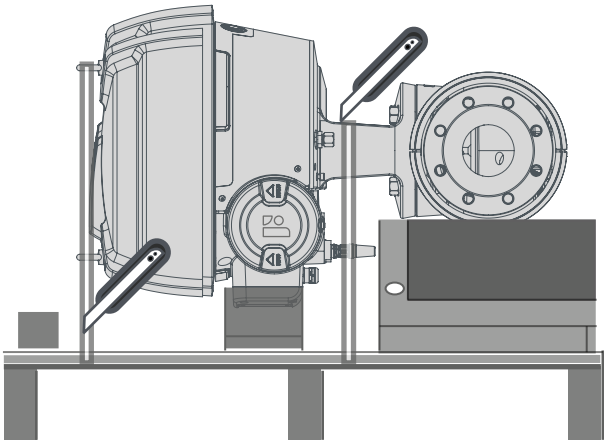


TD-122
HW_V-5.0

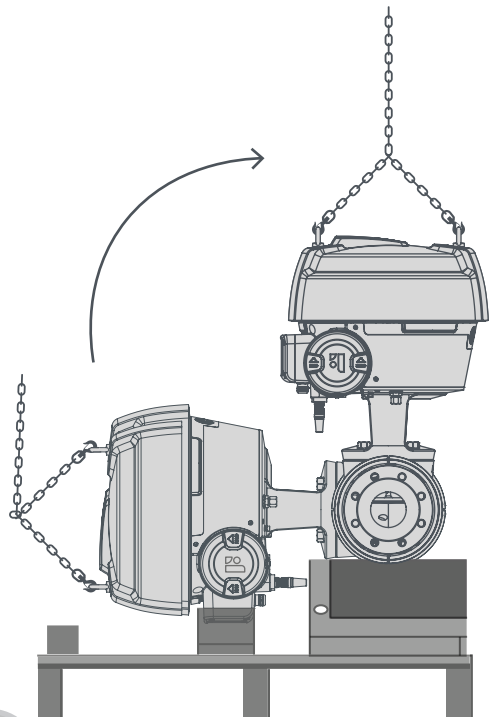
UNBOXING
WHAT'S IN THE BOX AND DEVICE PRE-INSTALLATION



1



2

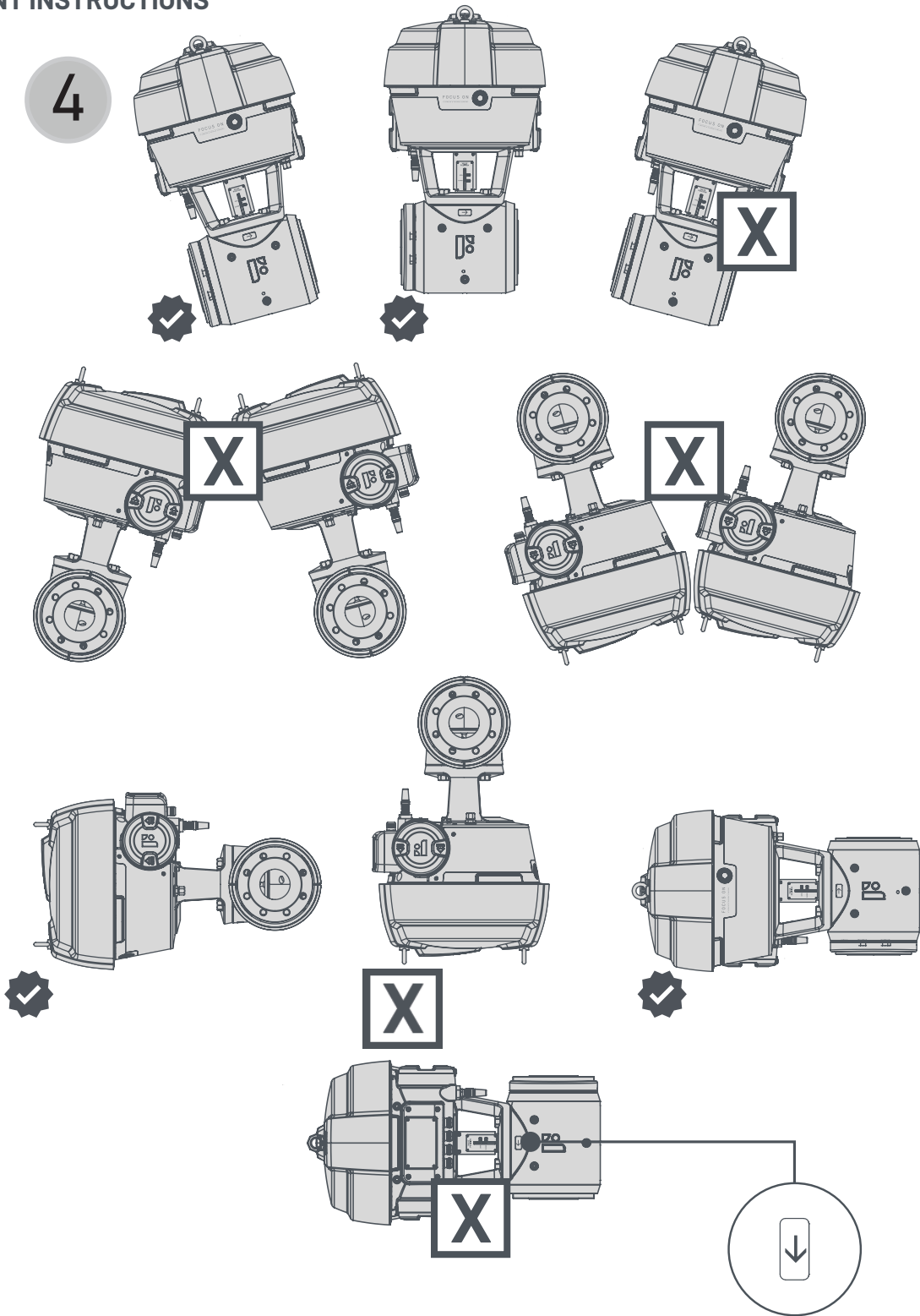


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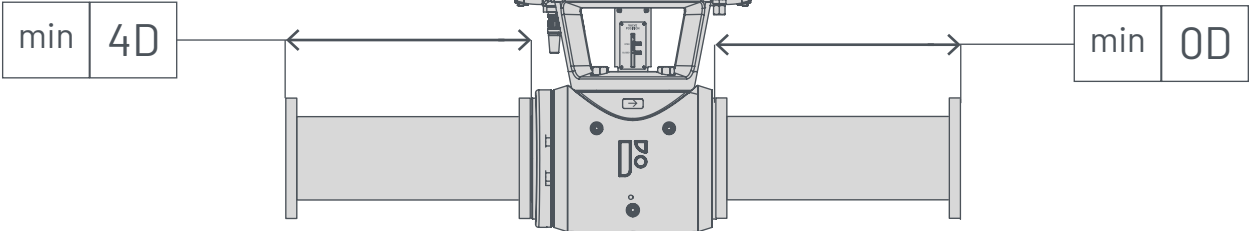
MECHANICAL INSTALLATION
PLACEMENT INSTRUCTIONS



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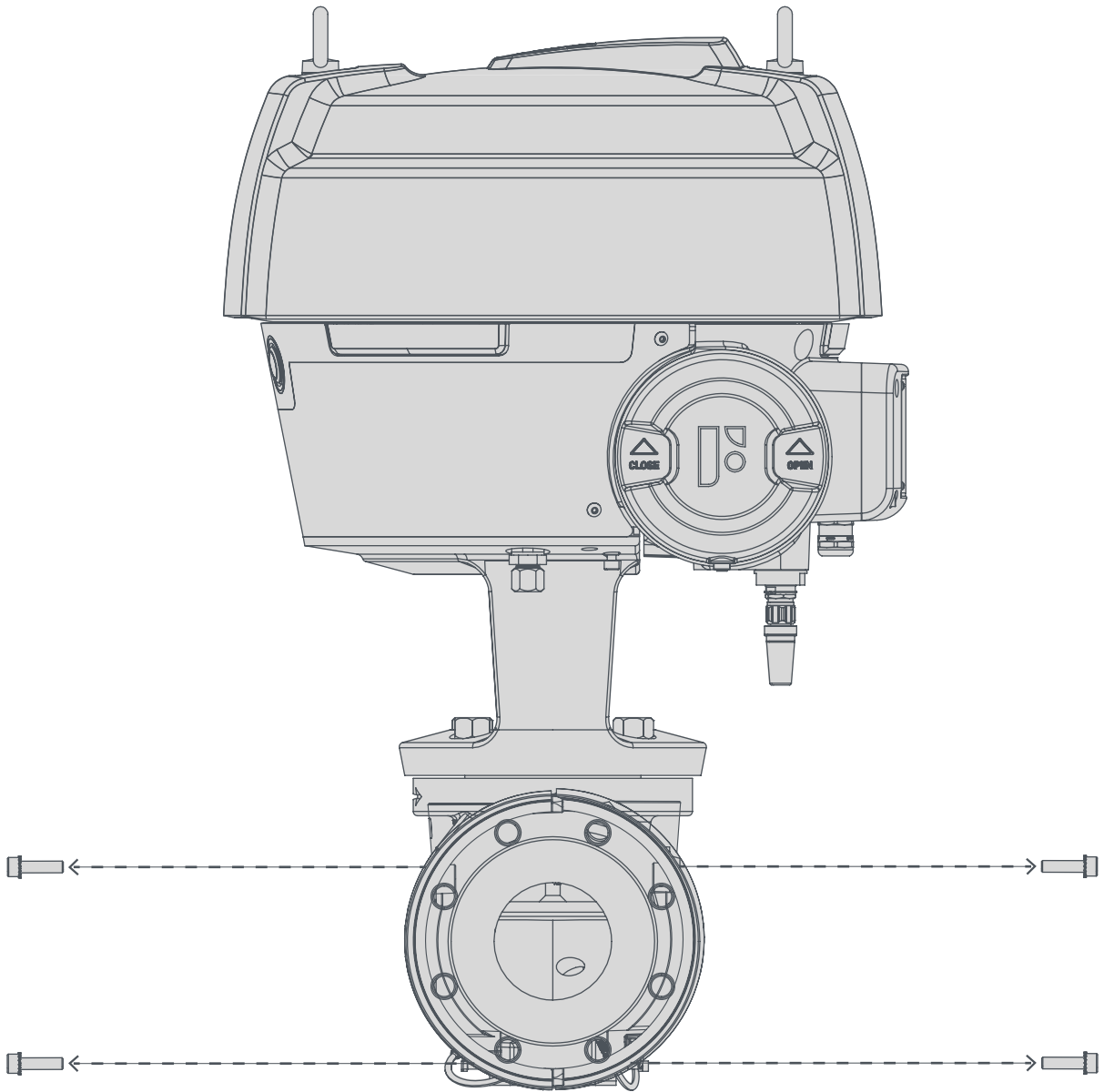


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MECHANICAL INSTALLATION

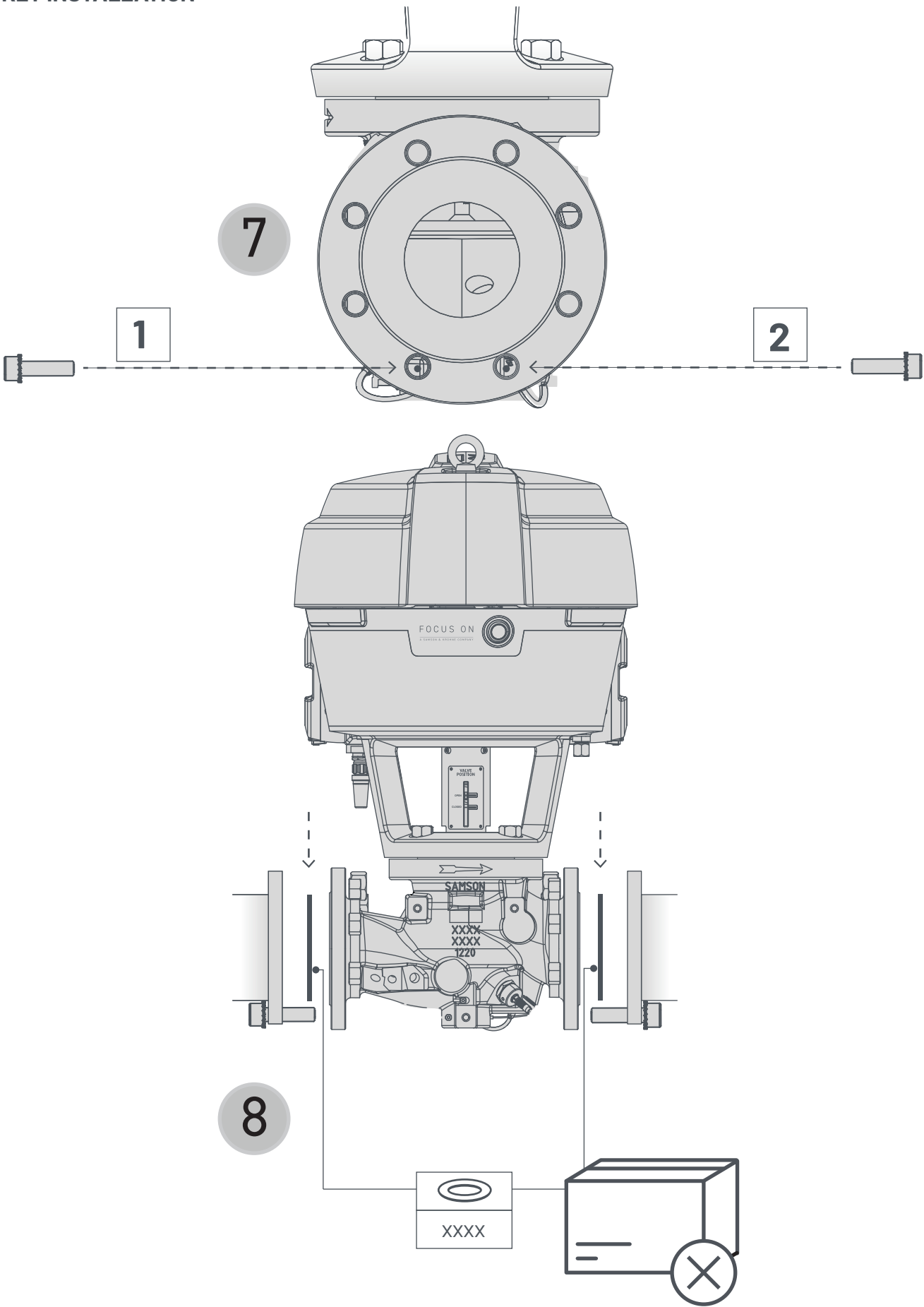
COVER REMOVAL



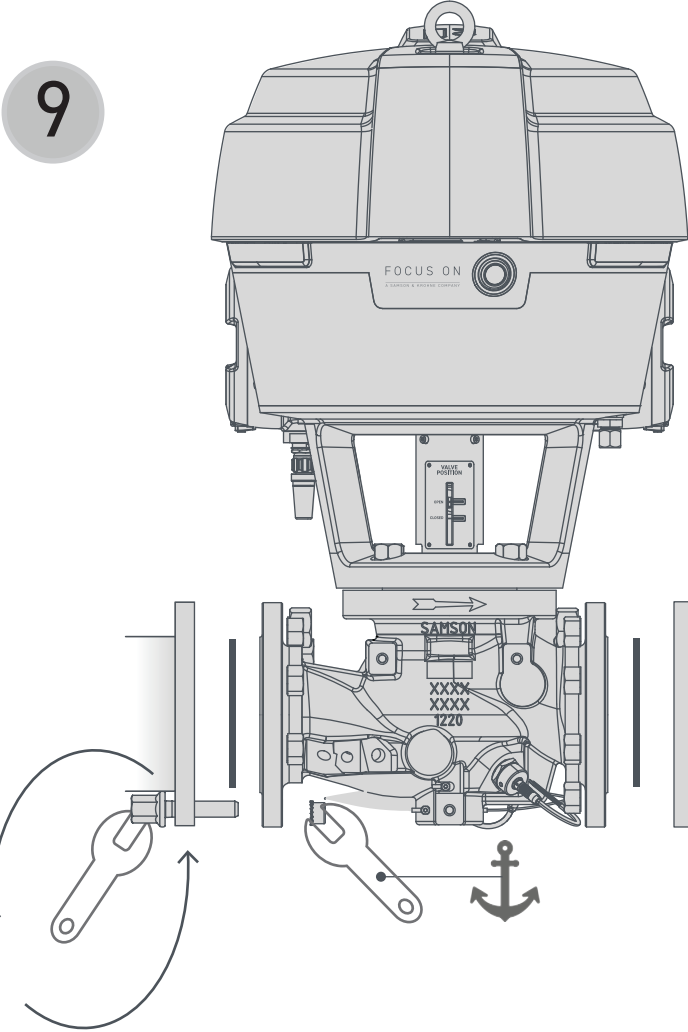
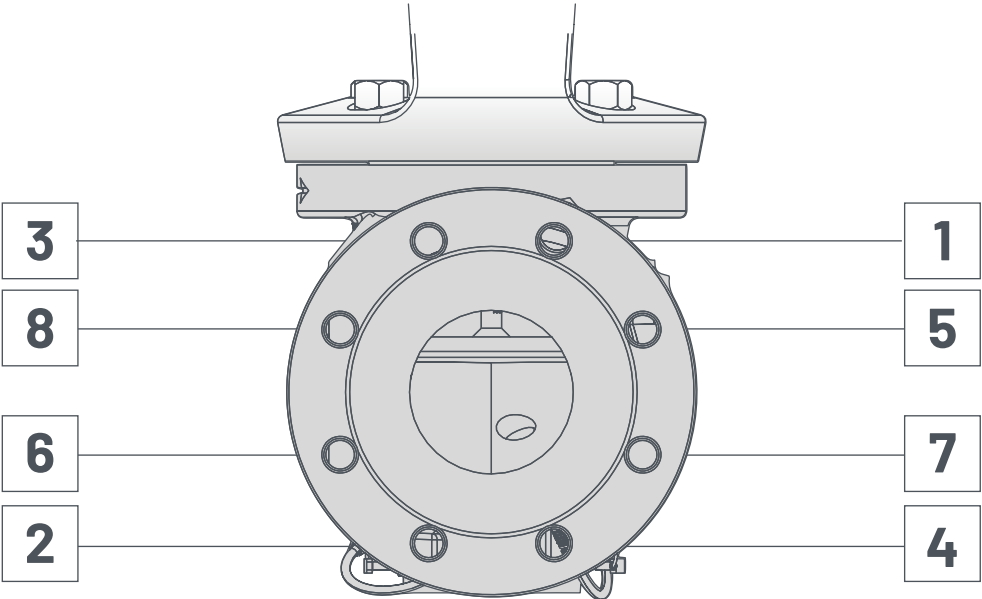
6



	SIZE 6
6X	M8 X30



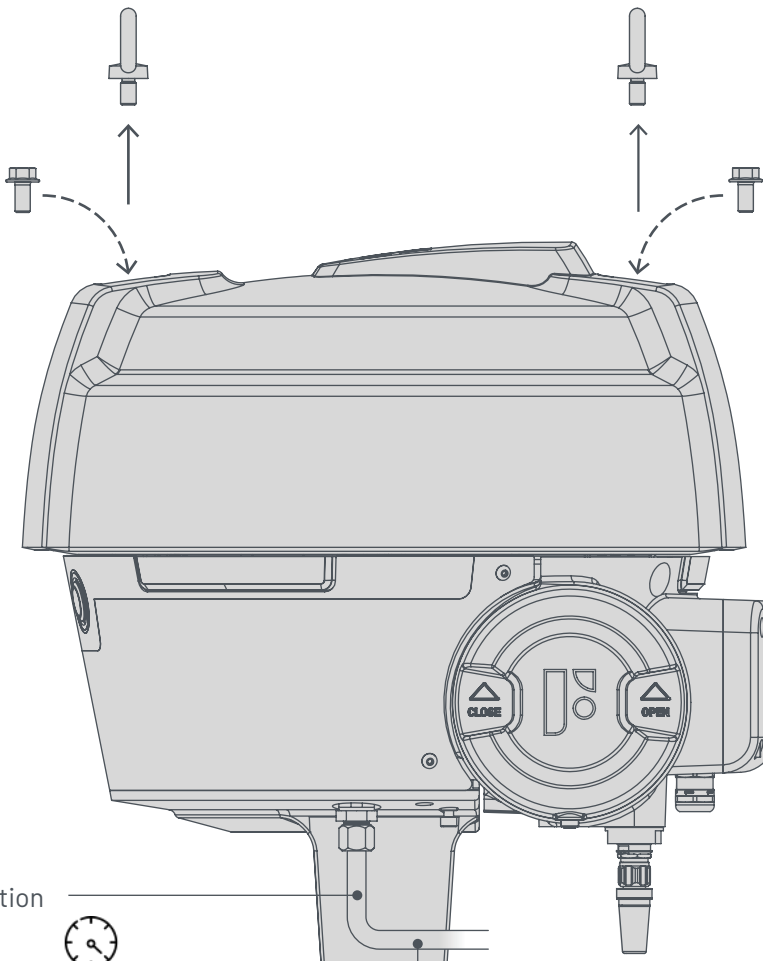
MECHANICAL INSTALLATION
FASTENING SEQUENCE INSTRUCTIONS



		SIZE 24
	2X	



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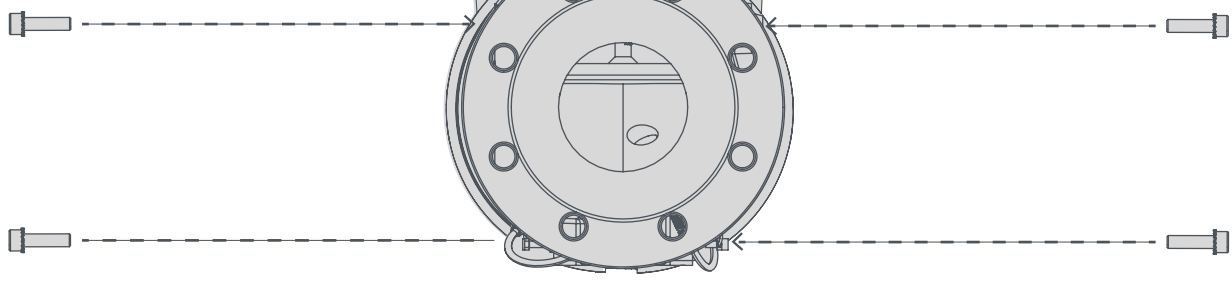
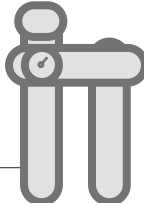


pneumatic connection

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max. 6 bar



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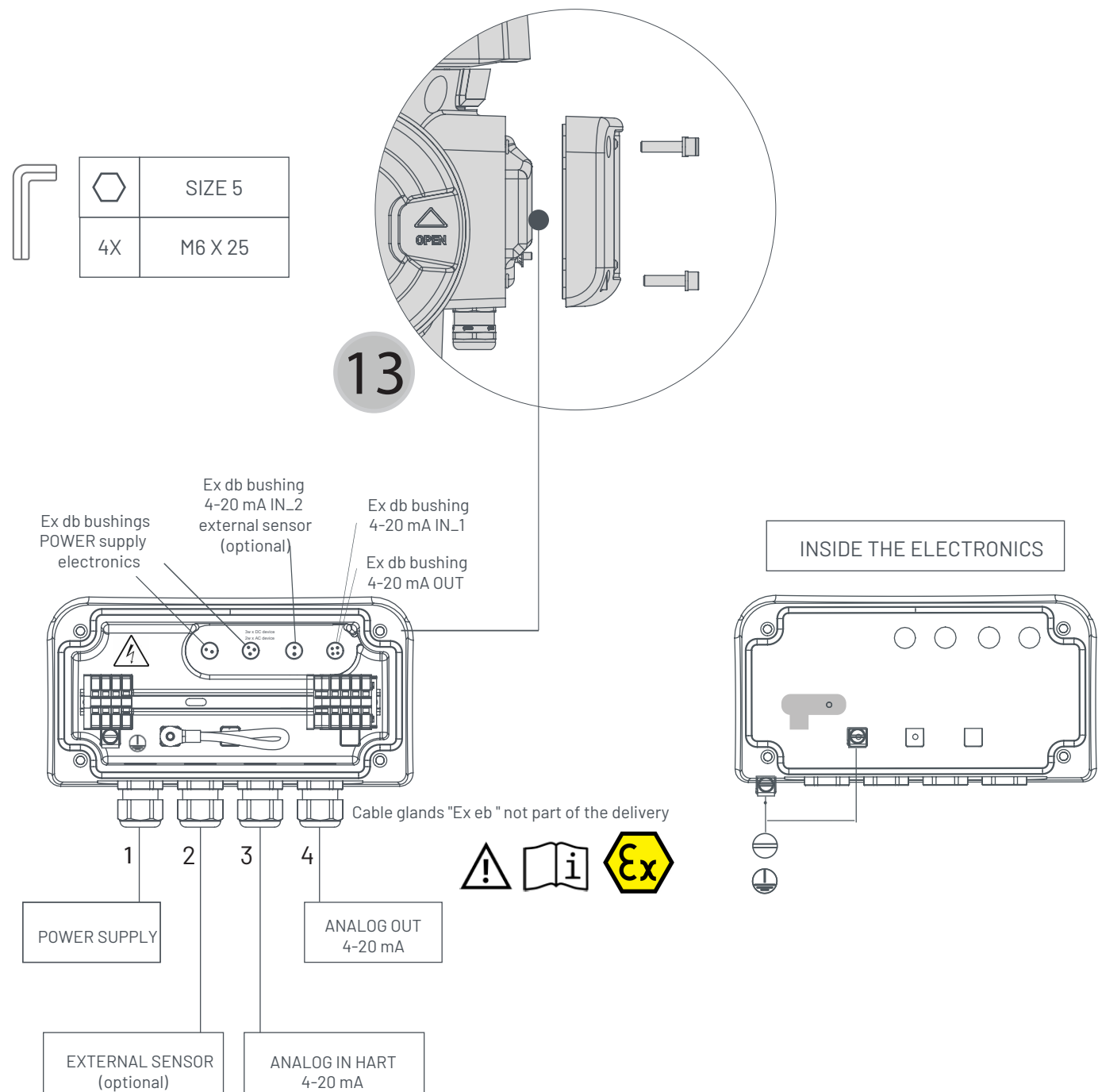


	SIZE 6
6X	M8 X30



	SIZE 15
2X	M10 X20

ELECTRIC INSTALLATION
CABLE CONNECTIONS

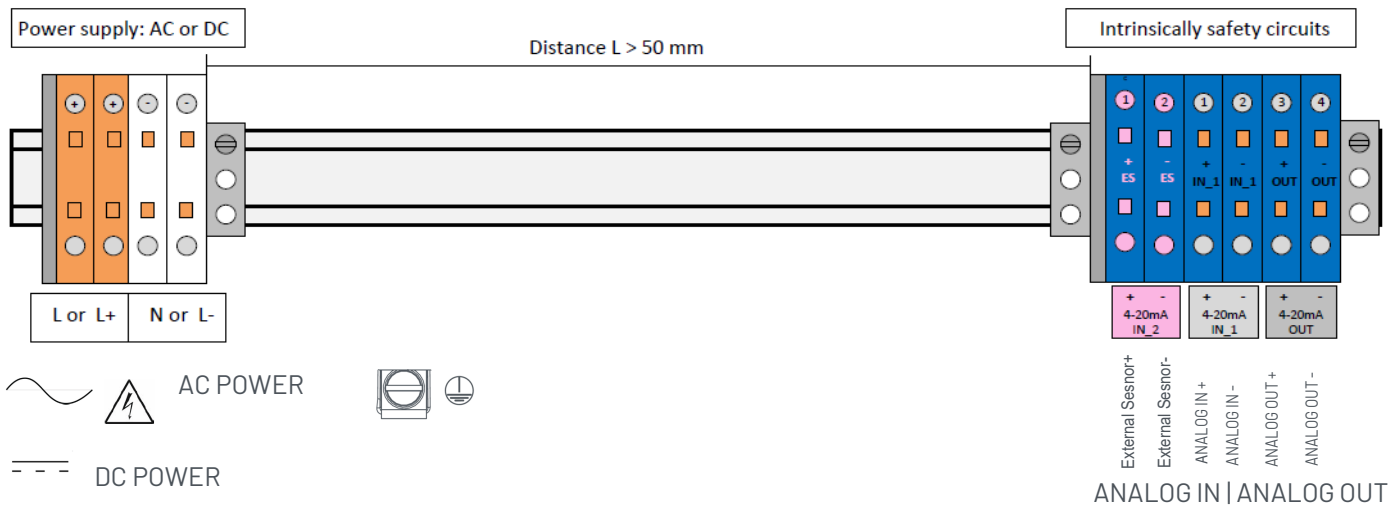




FOCUS-1_Ex AC and DC TERMINALS



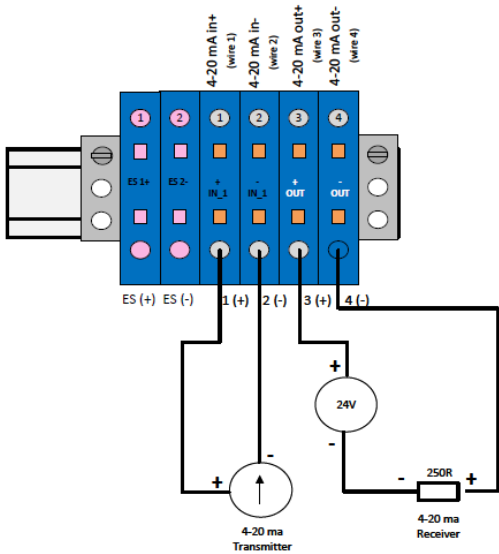
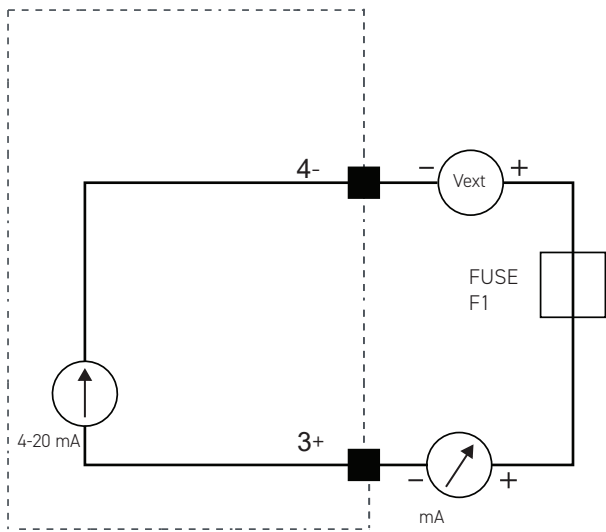
Increased safety "Ex eb" connections compartment



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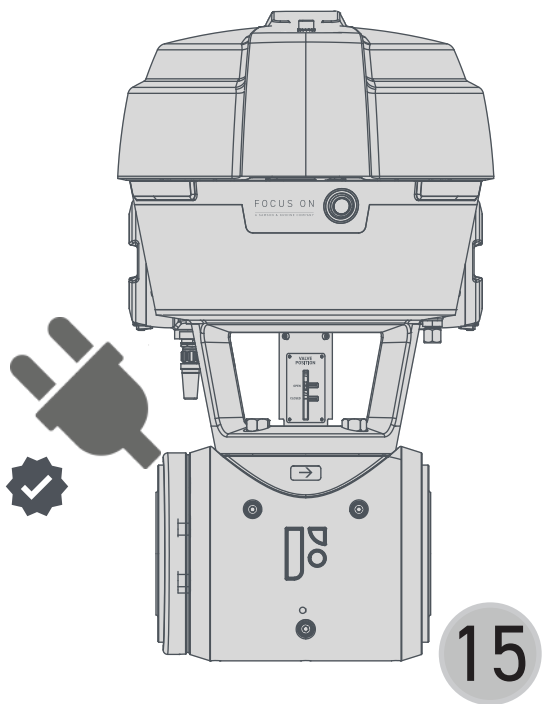
Terminals (AC and DC markings)	Description
Line	Mains wiring. Connect Line to these terminals
Neutral	Mains wiring. Connect Netural to these terminals
+24 VDC	24VDC power supply: +terminal
-24 VDC	24VDC power supply: -terminal
1+	4-20mA input: + terminal
2-	4-20mA input: - terminal
3+	4-20mA output: + terminal
4-	4-20mA output: - terminal

PASSIVE 4-20 mA OUTPUT CONNECTION

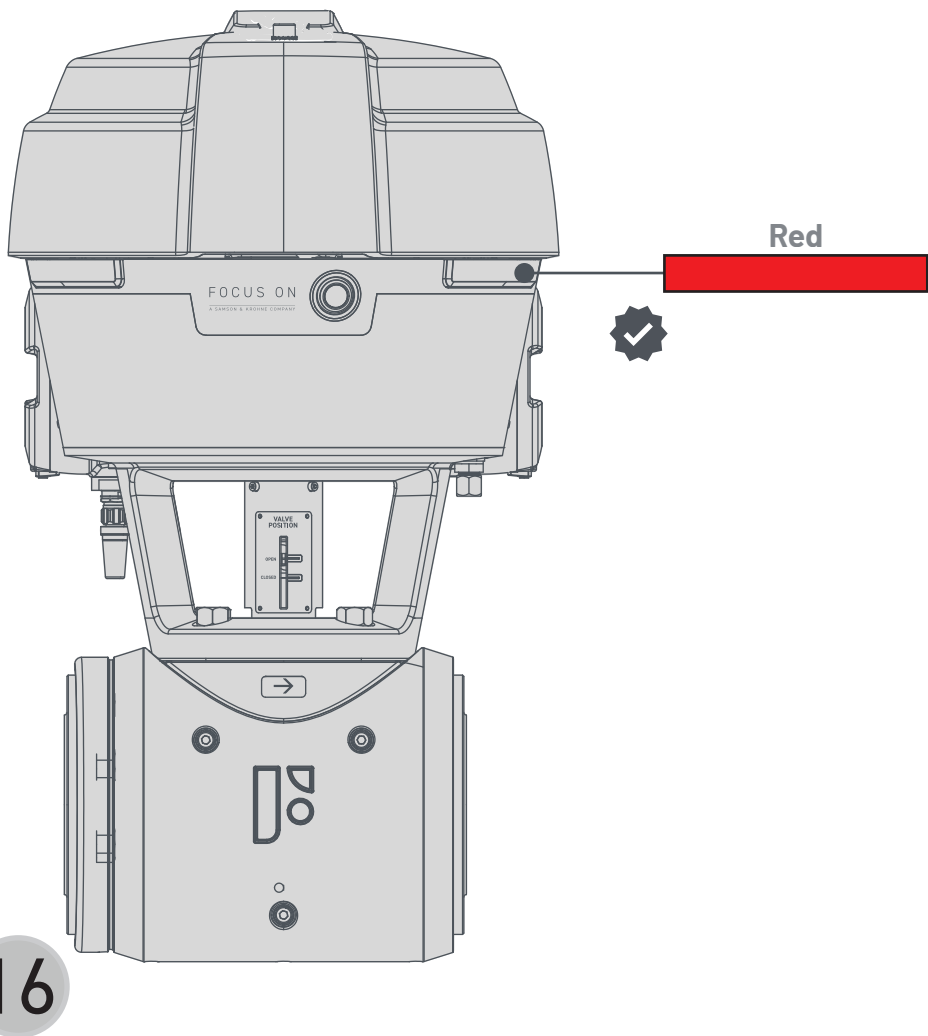


4-20mA INPUT PASSIVE 4-20mA OUTPUT





5 min. after every start-up

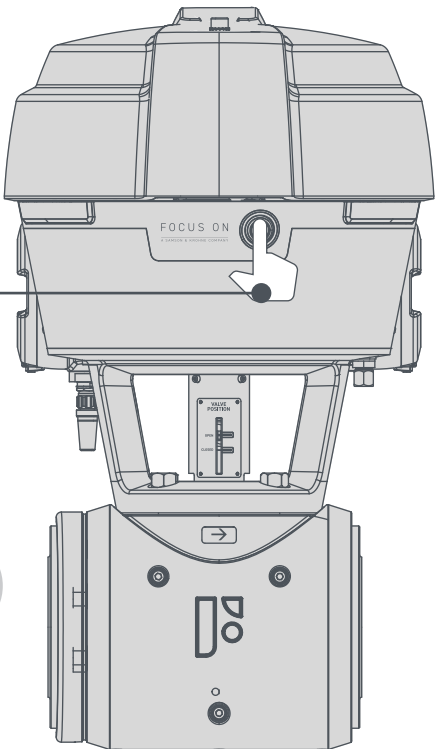


PROCESS INSTALLATION & DCS CONNECTION
ACTIVATE WIFI & PRESS THE DEVICE BUTTON

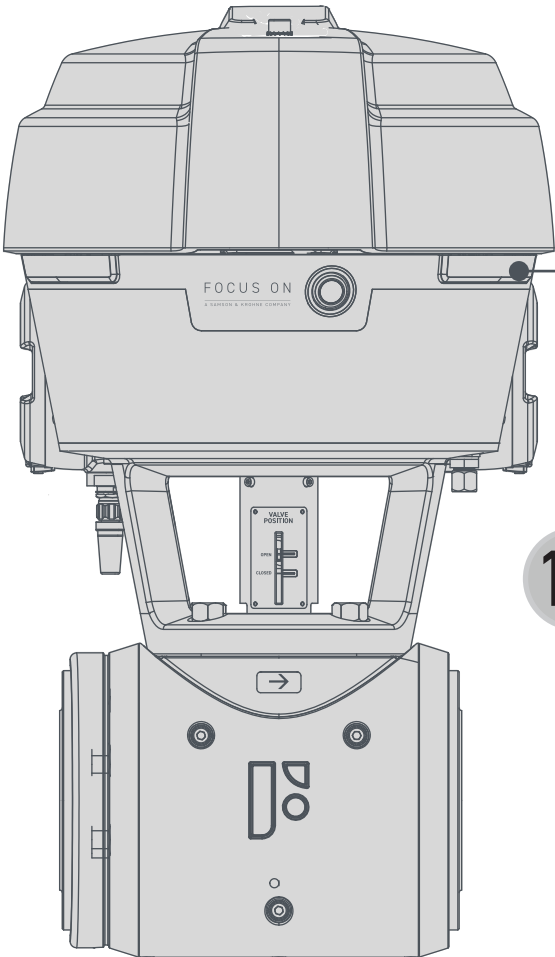


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hold 3 seconds



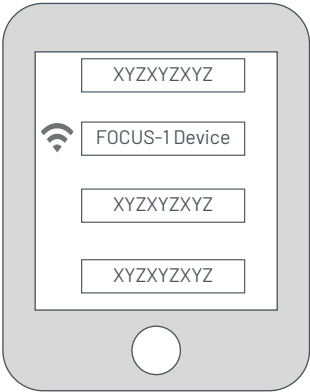
18



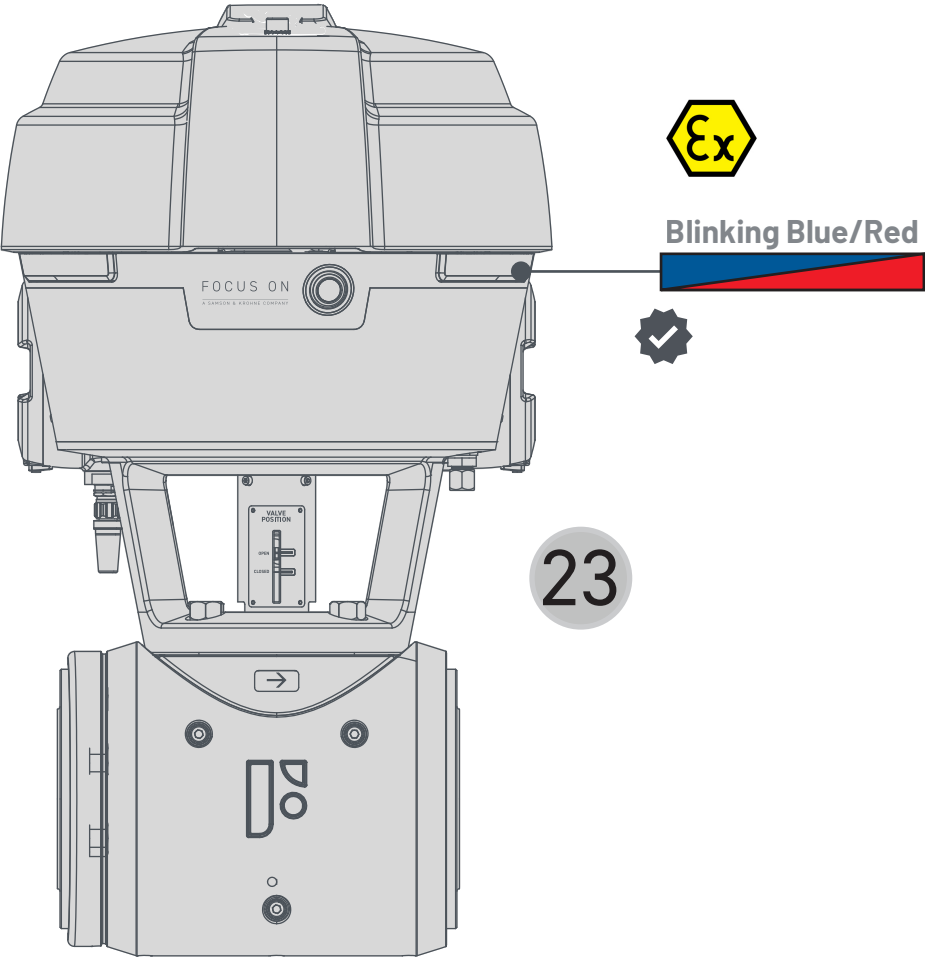
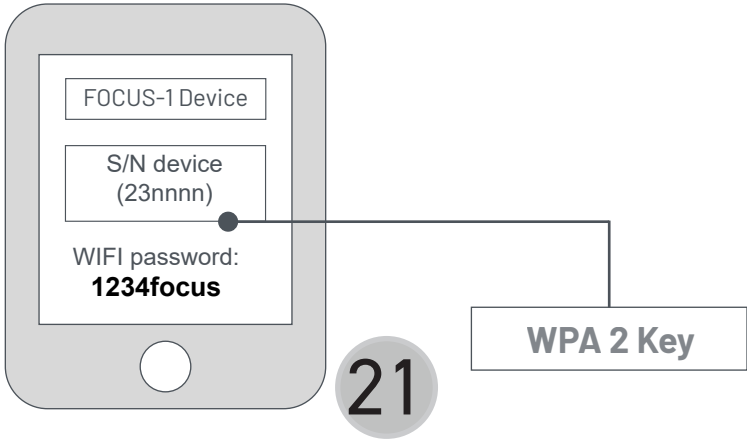
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Blinking Blue

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PROCESS INSTALLATION & DCS CONNECTION
FIND FOCUS-1 & ESTABLISH CONNECTION



PROCESS INSTALLATION & DCS CONNECTION

First time access

Device installation

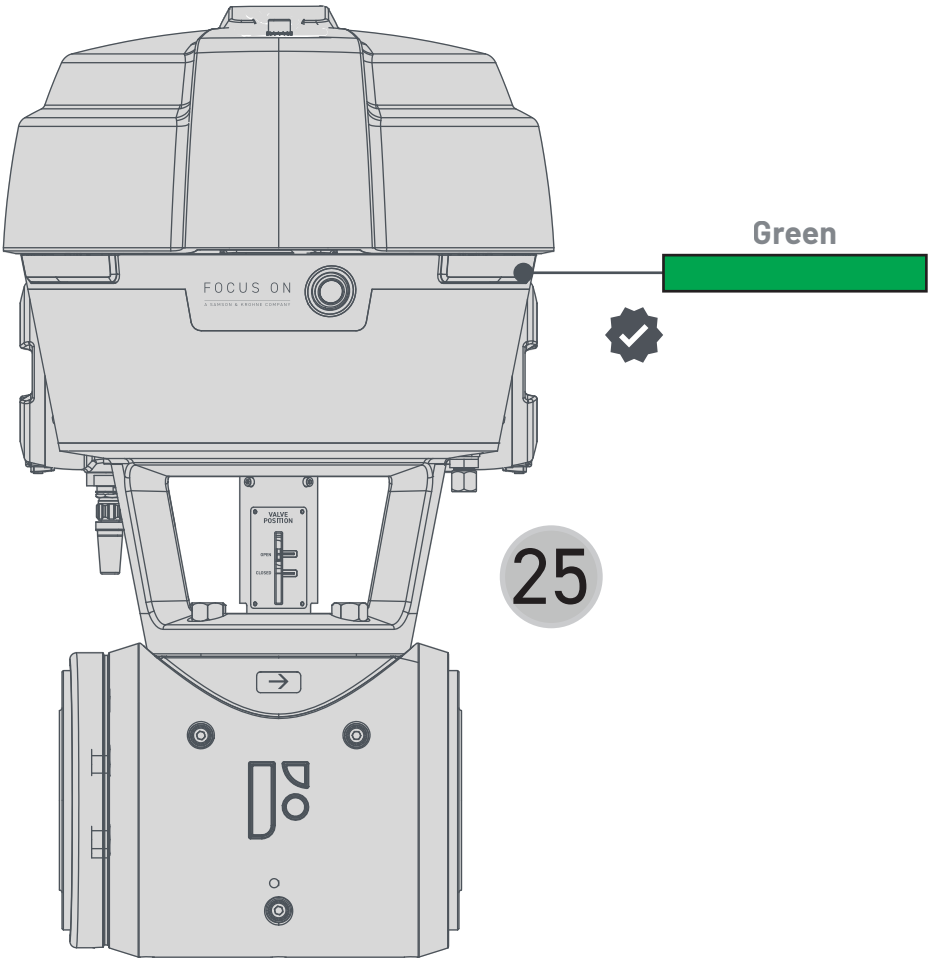
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FIRST TIME ACCESS

Congratulations with the purchase of this unique device. We will now help you with the first installation and setup.

Next

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