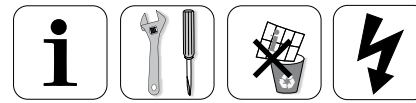




SERIES SLB130



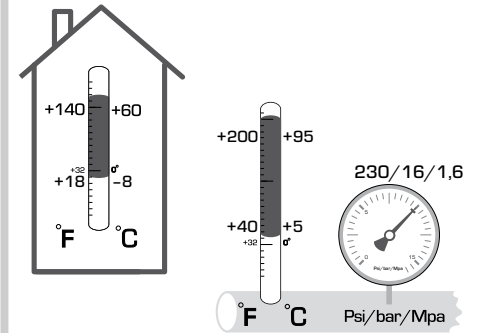
NO.1 IN HYDRONIC SYSTEM CONTROL



Series SLB130



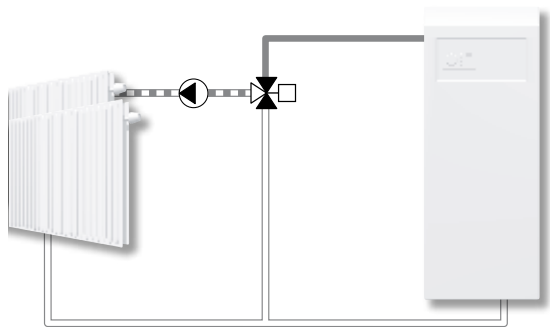
LVD 2014/35/EU
EMC 2014/30/EU
RoHS 2011/65/EU
PED 2014/68/EU, article 4.3



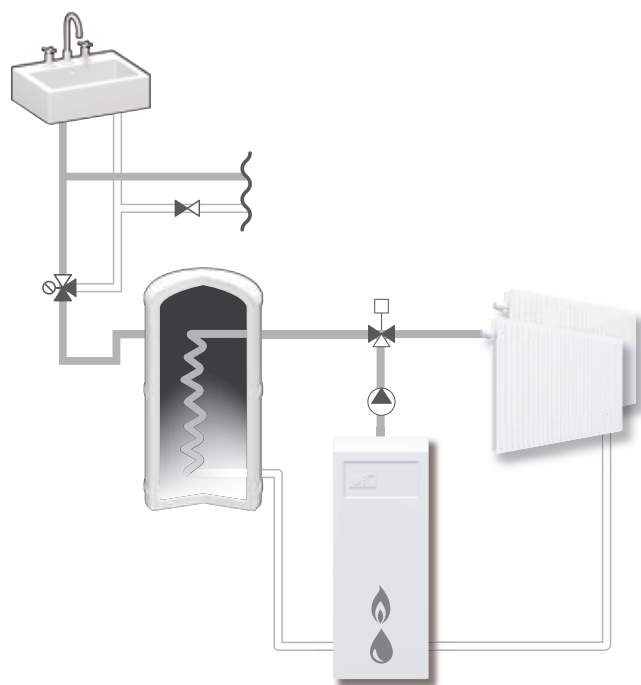
Mtrl.nr: 9814 09 03 • Ritn.nr: 9260 Vers. D • Ver: 1810



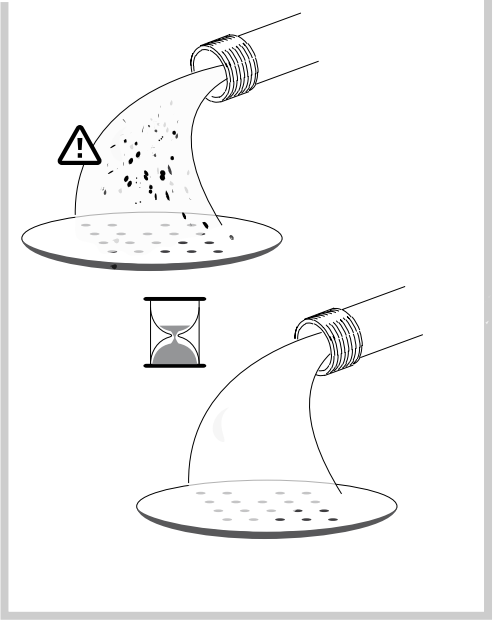
a



b



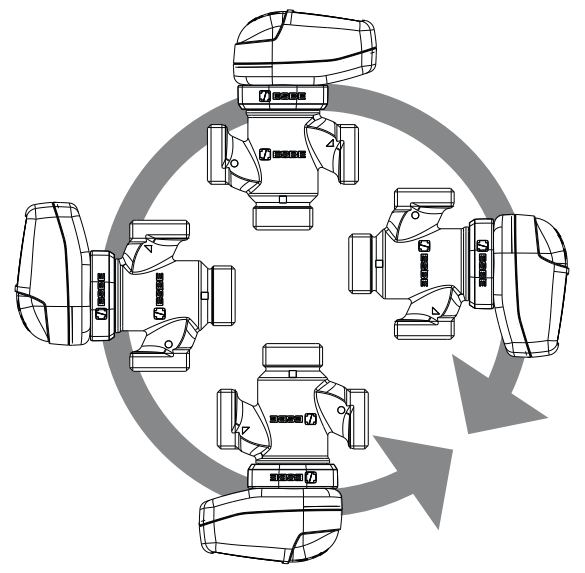
1



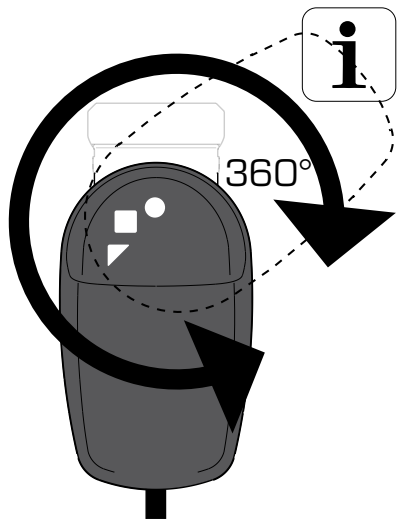
Piping Schematics are General Representations

2

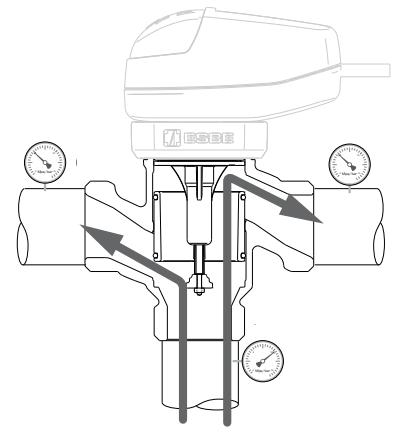
360° ✓



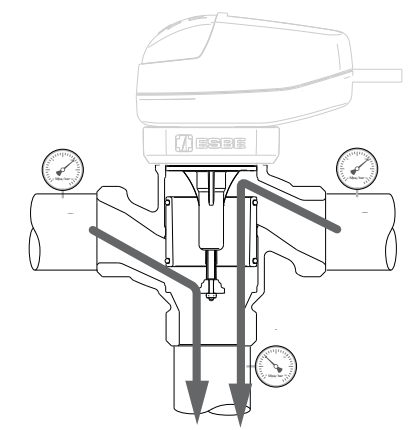
3



4



$\Delta P \leq 100 \text{ kPa} / 1.0 \text{ bar}$

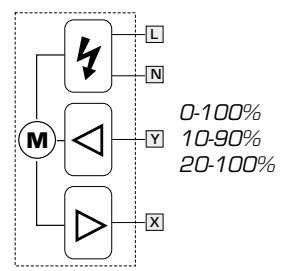


$\Delta P \leq 100 \text{ kPa} / 1.0 \text{ bar}$

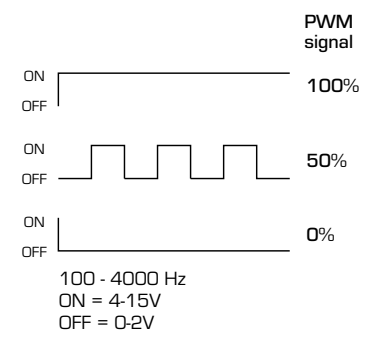
5

i

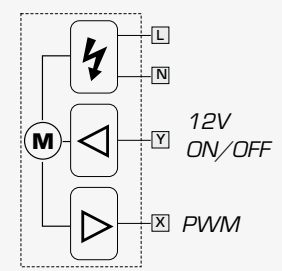
PWM



0-100%
10-90%
20-100%

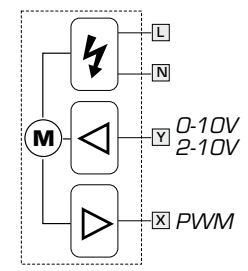


4/2P



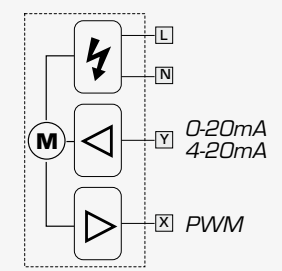
12V
ON/OFF

4/U



0-10V
2-10V

4/I



0-20mA
4-20mA

*	Vers. A	Vers. B	Vers. C	Vers. D	Vers. E	Vers. F	Vers. G	Vers. H	Vers. I	Vers. J	Vers. K	Vers. L	Vers. M	Vers. N	Vers. O	Vers. P
①	~ 0% PWM	~ 10% PWM	~ 20% PWM	~ 100% PWM	~ 90% PWM	~ 100% PWM	ON	OFF	~ 0 V	~ 2 V	~ 10 V	~ 10 V	~ 0 mA	~ 4 mA	~ 20 mA	~ 20 mA
②	~ 20% PWM	~ 25% PWM	~ 35% PWM	~ 80% PWM	~ 75% PWM	~ 85% PWM	-	-	~ 2 V	~ 3.5 V	~ 7.5 V	~ 8 V	~ 4 mA	~ 7 mA	~ 14 mA	~ 14.5 mA
③	~ 50% PWM	~ 50% PWM	~ 60% PWM	~ 50% PWM	~ 50% PWM	~ 60% PWM	-	-	~ 5 V	~ 5.5 V	~ 5 V	~ 5.5 V	~ 9 mA	~ 11 mA	~ 9 mA	~ 11 mA
④	~ 80% PWM	~ 75% PWM	~ 85% PWM	~ 20% PWM	~ 25% PWM	~ 35% PWM	-	-	~ 7.5 V	~ 8 V	~ 2 V	~ 3.5 V	~ 14 mA	~ 14.5 mA	~ 4 mA	~ 7 mA
⑤	~ 100% PWM	~ 90% PWM	~ 100% PWM	~ 0% PWM	~ 10% PWM	~ 20% PWM	OFF	ON	~ 10 V	~ 10 V	~ 0 V	~ 2 V	~ 20 mA	~ 20 mA	~ 0 mA	~ 4 mA

i

L
12VDC
BROWN

N
BLUE

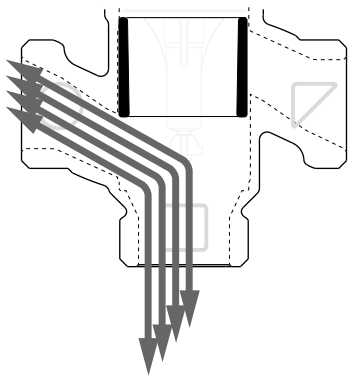
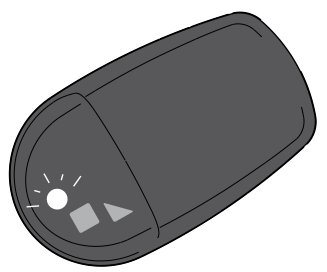
Y
BLACK

X
WHITE

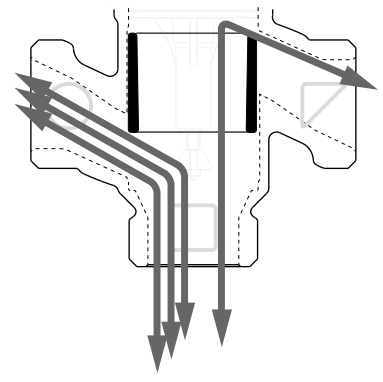
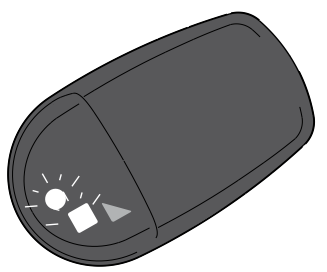
* **i** **5**

6

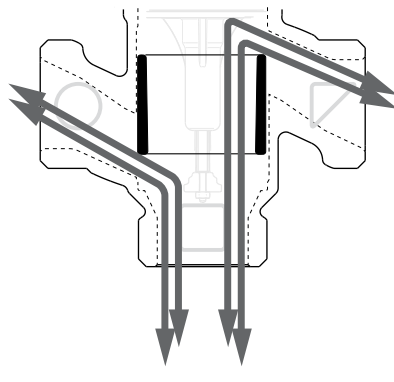
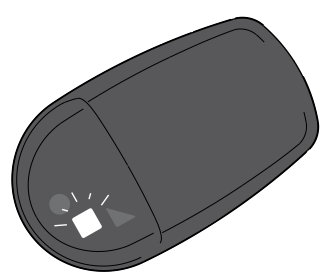
1



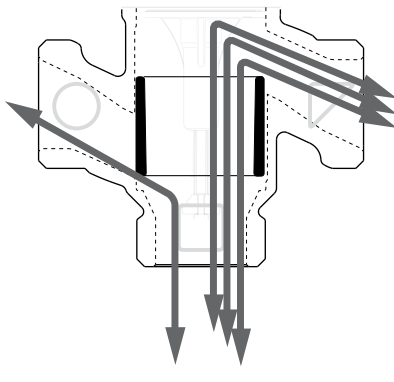
2



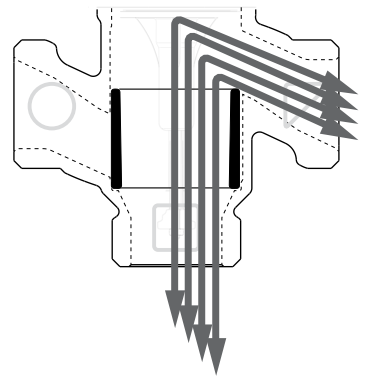
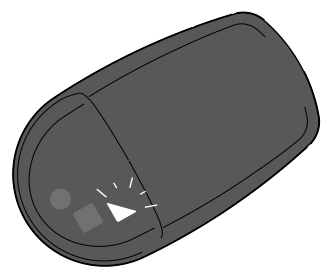
3



4



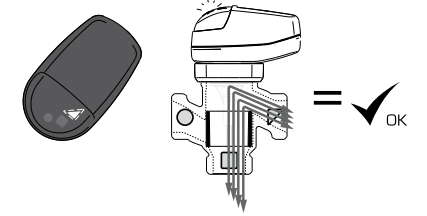
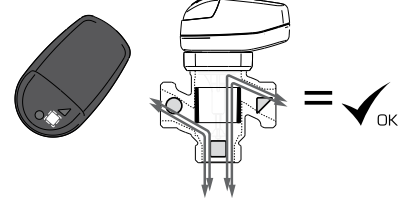
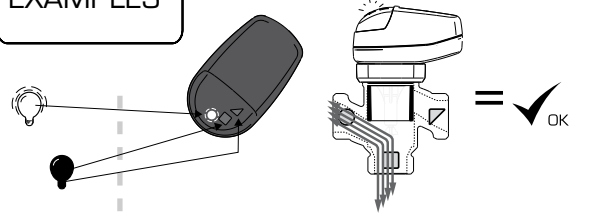
5



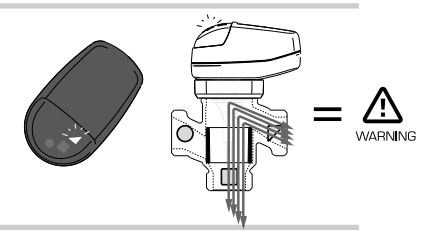
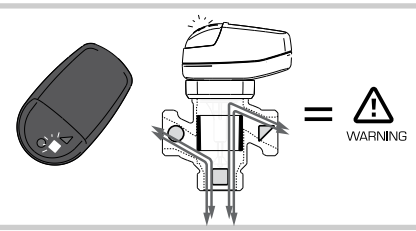
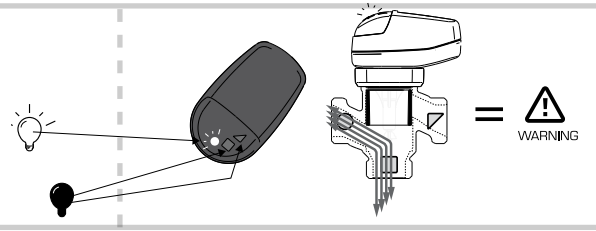
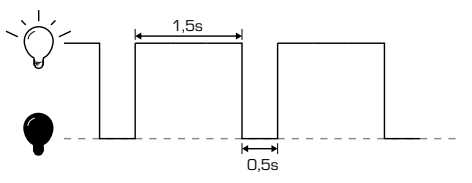
7

EXAMPLES

OK



WARNING



ERROR

