



CARLO GAVAZZI

ST-04

Sensor Tester

Instruction manual

Manuale d'istruzione

Betriebsanleitung

Manuel d'instructions

Manual de instrucciones

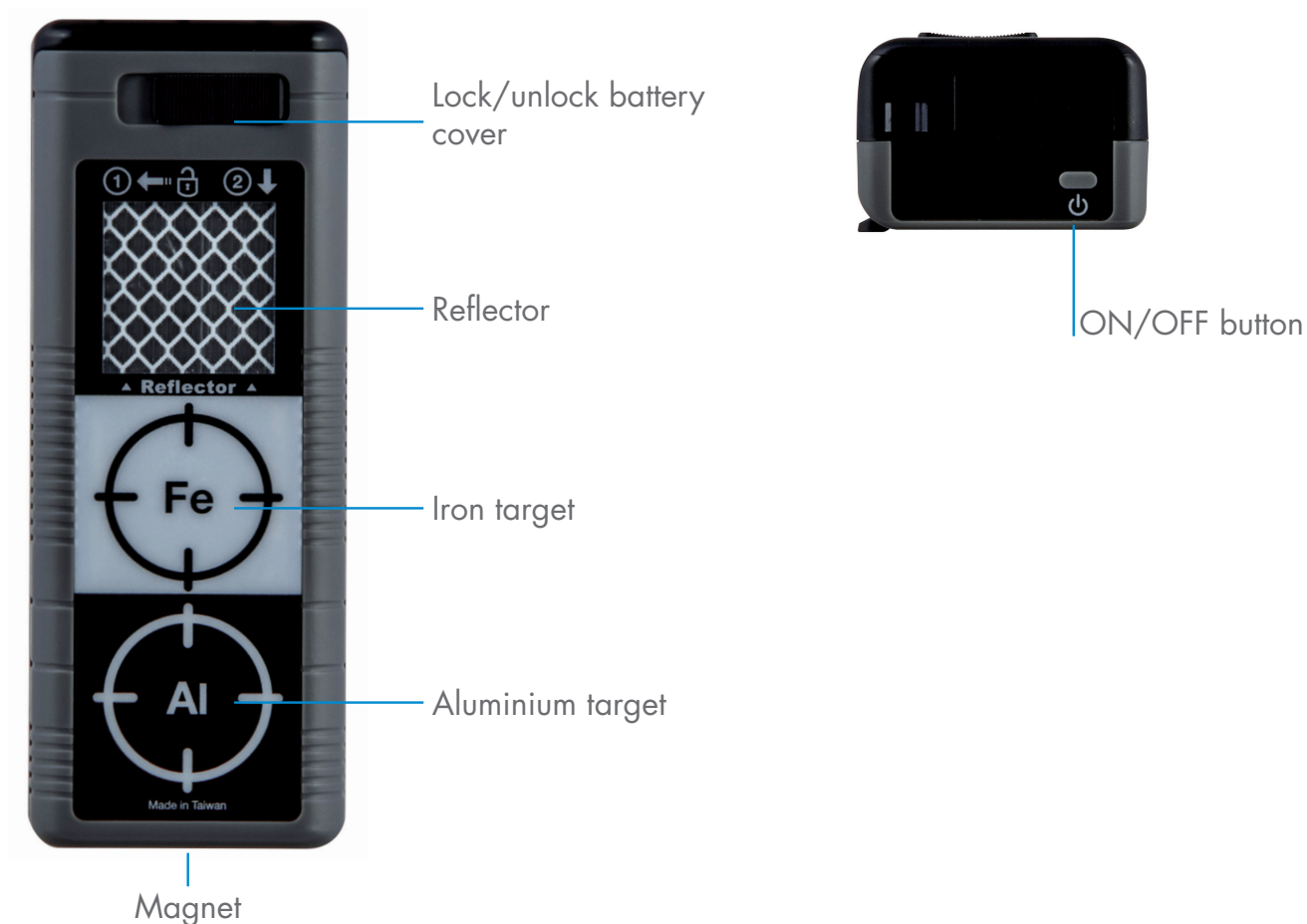
Brugervejledning

使用手册

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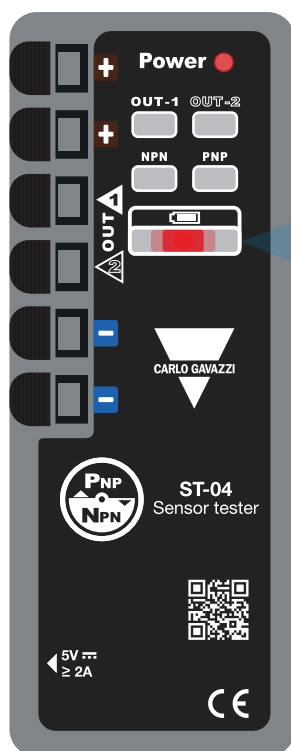
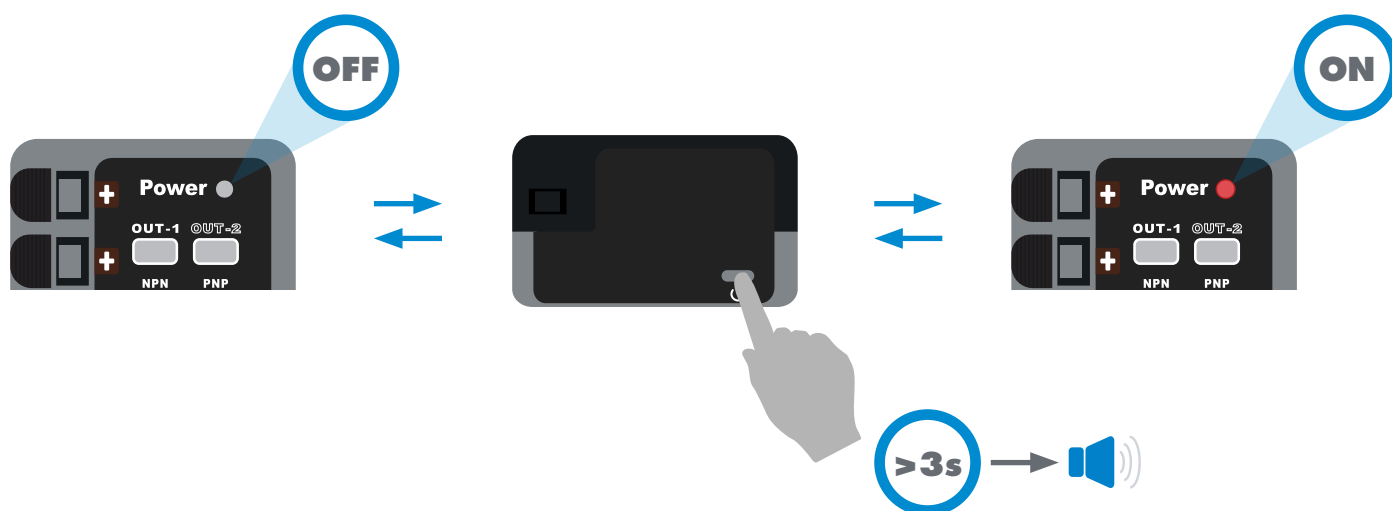
1. Structure



2. Supply

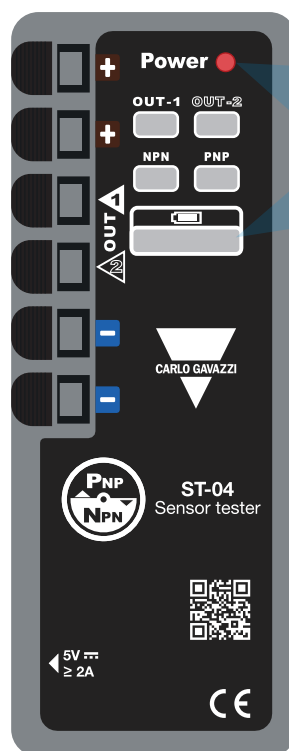
1**2**

3. Power ON/OFF



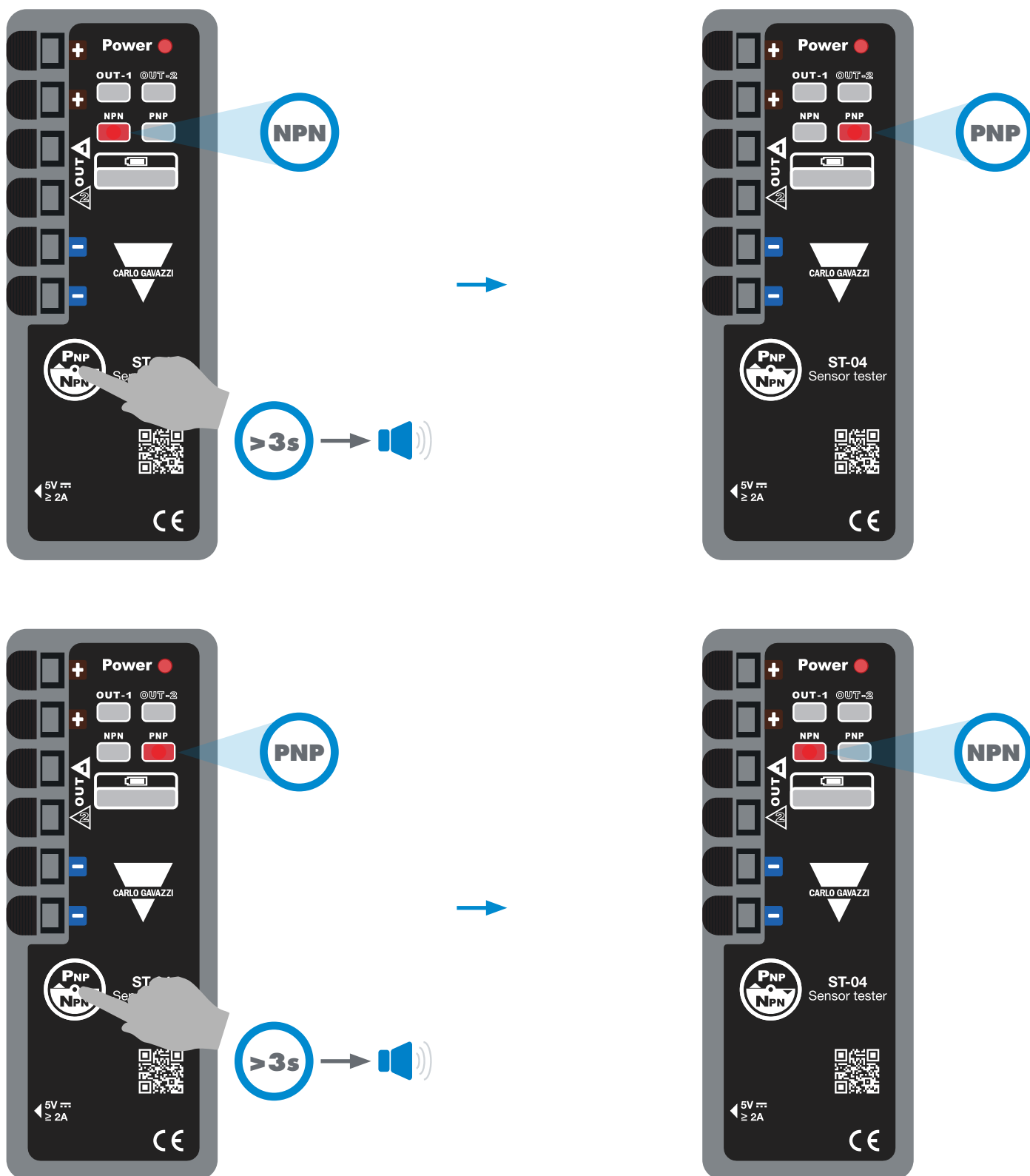
**Powered
by 2x
6LR61**

**Blinking:
low battery**



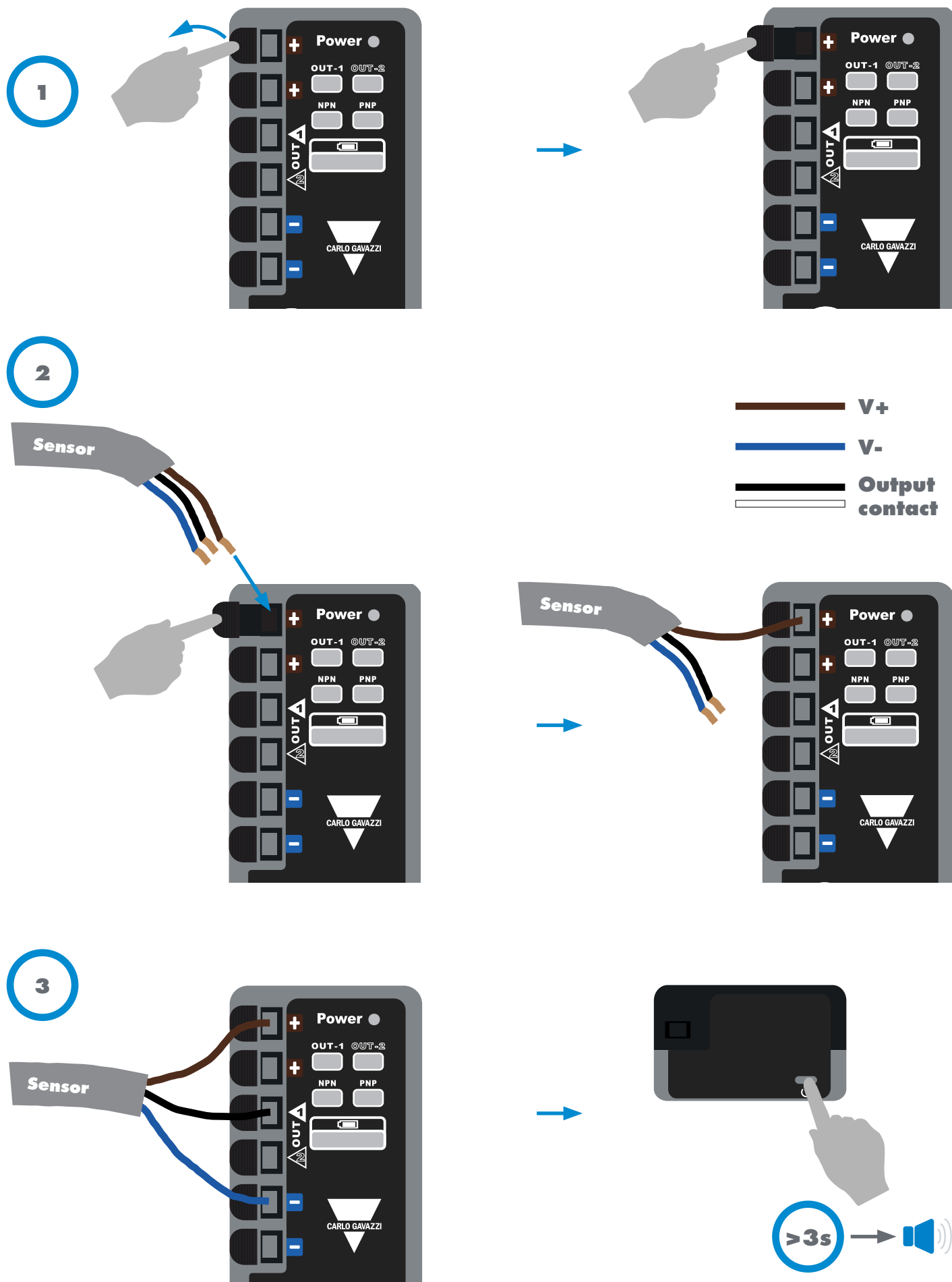
**Powered
by Type-C
port**

4. NPN/PNP selector

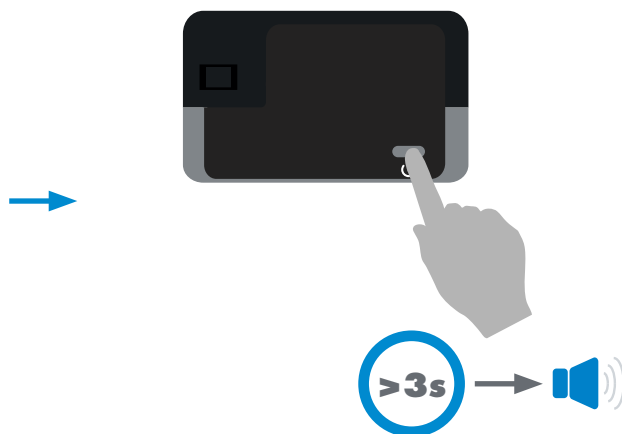
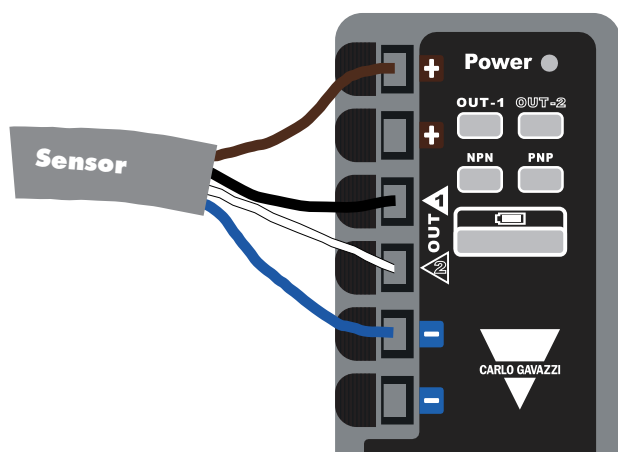


5. Wiring a sensor

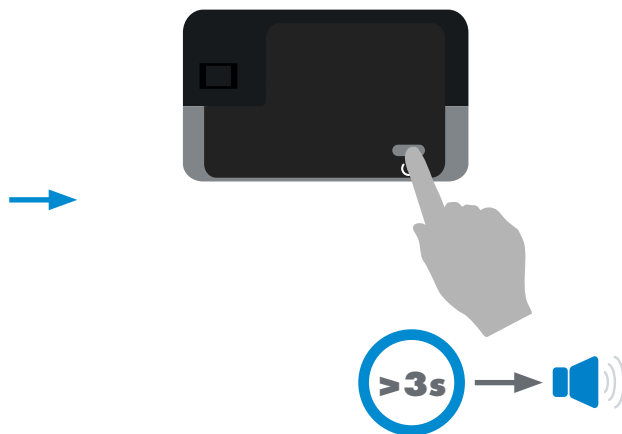
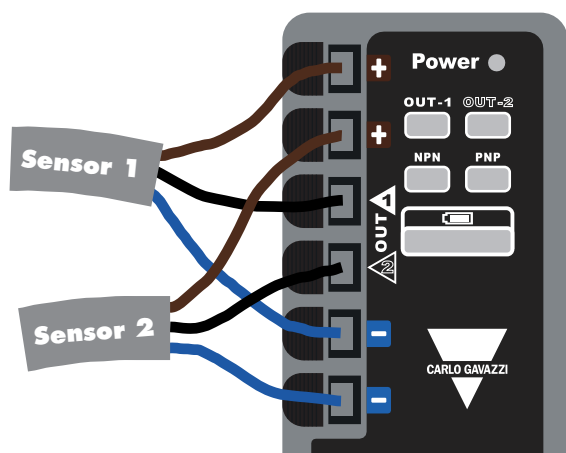
5.1 3-wire



5.2 4-wire



5.3 2 x 3-wire



Sensor 1 **Sensor 2**
 (PNP) + (PNP) ≤ 100 mA ✓

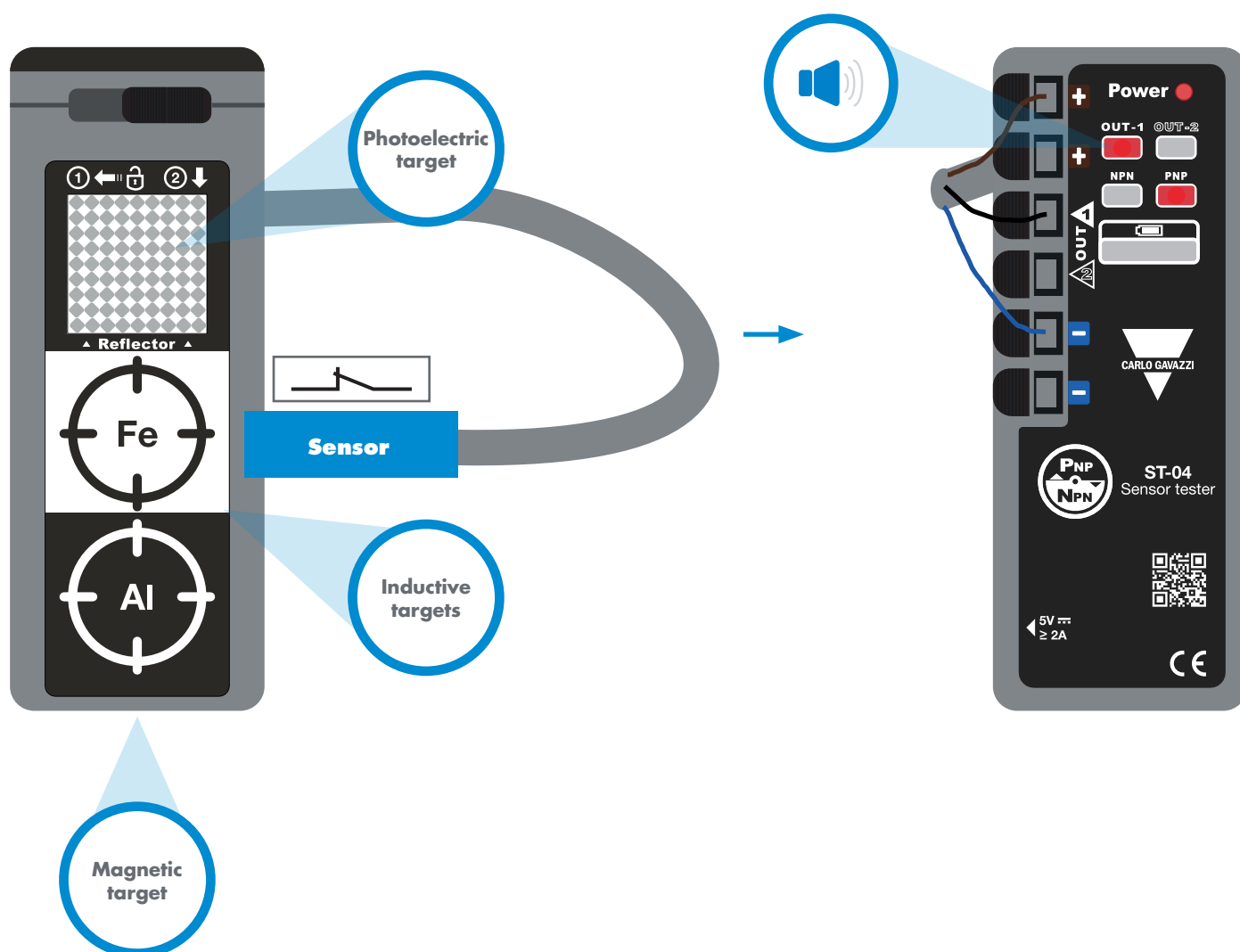
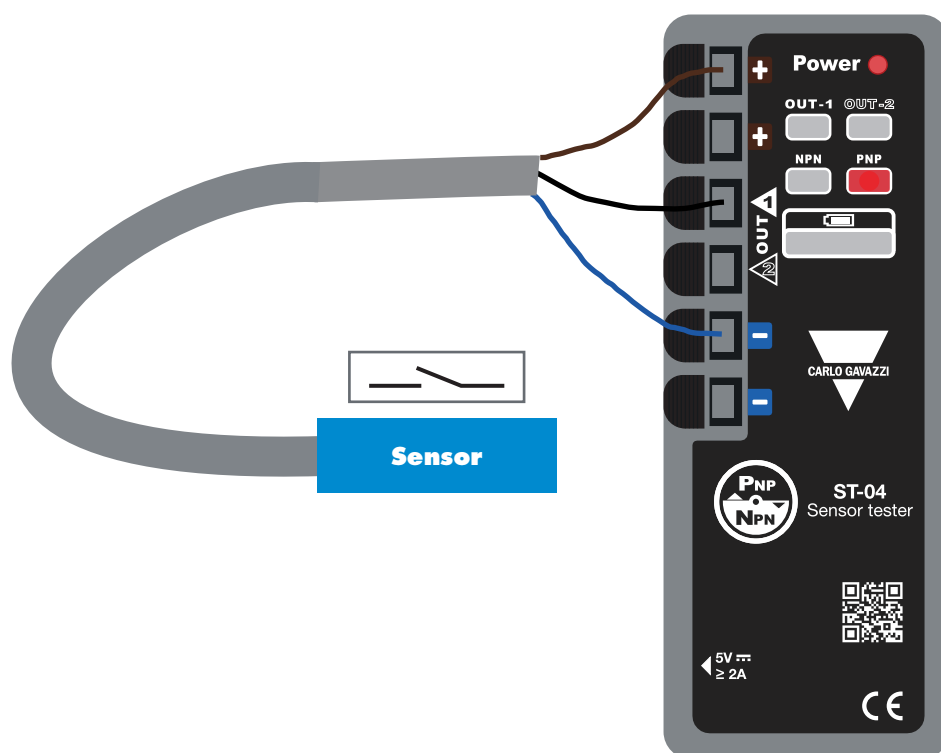
Sensor 1 **Sensor 2**
 (NPN) + (NPN) ≤ 100 mA ✓



Sensor 1 **Sensor 2**
 (PNP) + (NPN) ✗

Sensor 1 **Sensor 2**
 (NPN) + (PNP) ✗

6. Testing a sensor

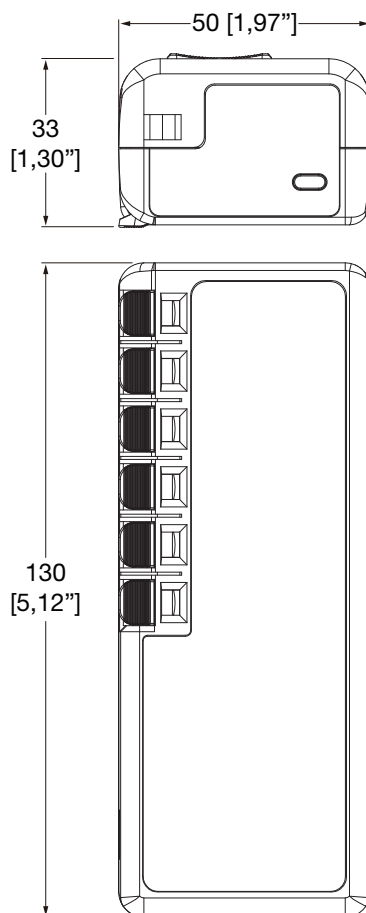


7. Features

7.1 General

Ordering number	ST-04
Housing material	ABS
Weight	115 g

7.2 Dimensions mm [inches]



7.3 Supply

Power supply (sensor)	18VDC, 100mA
Power supply (device)	Via USB type C: 5V, > 2A Battery: 2x 6LR61 (not included)
Low battery indication	LED flashes on low battery level
Protection	Battery reverse protection
Sleep mode	Automatically after 5 minutes

7.4 Environmental

Operational environment	To be used in indoor applications only
Degree of protection	IP30
Operating temperature	Operating: 0° to + 40°C (32° to 104°F)
Storage temperature	0° to + 50°C (32° to 122°F)
Ambient humidity range	Operating: 0 to + 90% non condensing
	Storage: 0 to + 90% non condensing

7.5 Approval and markings

Approvals	CE
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