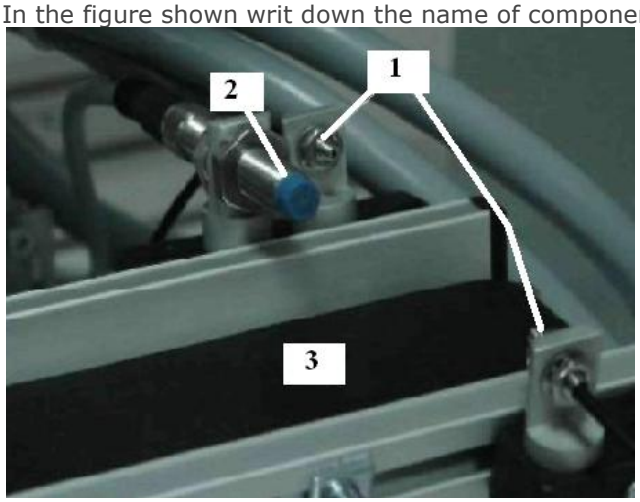
Quiz 5 PLC 20 min

1. The figure shows:

- Programming cable
- I/O Data Cable
- Power supply
- Expansion module

2. In the figure shown writ down the name of components 1 ,2 3



3. The device that converts electrical signals from PLC outputs into physical conditions is

- Expansion Module
- Actuator
- Sensor
- Interface unit

Quiz 5 PLC 20 min

4. The figure shows: (2 points)

- Programming cable
- Expansion module
- Power supply
- I/O Data Cable

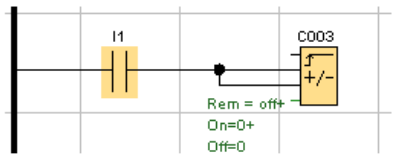
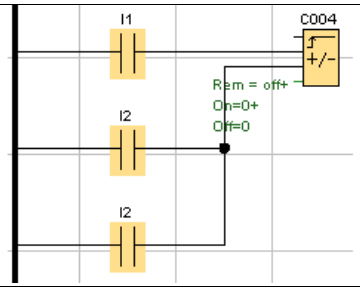
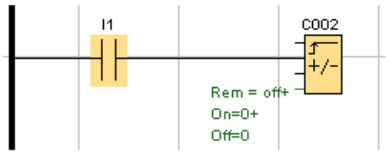
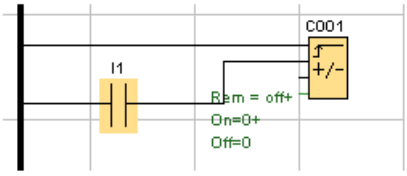
5. The figure shows: (2 points)

- Programming cable
- I/O Data Cable
- Power supply
- Expansion module

6. The device that used to decrease the speed and to increase the torque is: (1 point)
   - Gear box
   - Slide
   - Conveyor Belt
   - Branching arm

7. Match the following:

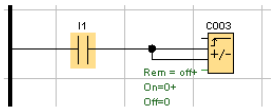
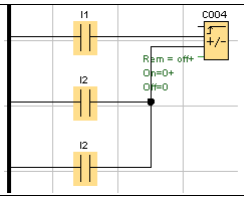
No	Function
1	Count up only
2	Count down only
3	Count up and count down
4	It will not count

No	Counters
	
	
	
	

8. A pushbutton (Pb1) is used to turn on a machine (M) for three minuets, another pushbutton (Pb2) is used to turn off the machine any time. Draw the ladder diagram that controls this machine.

Answers

1. I/O data cable
2. 1. Fiber optic sensor 2. Inductive sensor 3. Conveyor belt
3. Actuator
4. Expansion module
5. Programming cable
6. Gear box
7.

No	Counters
2	
3	
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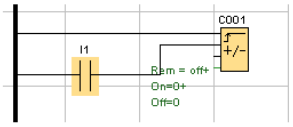
4	

8.