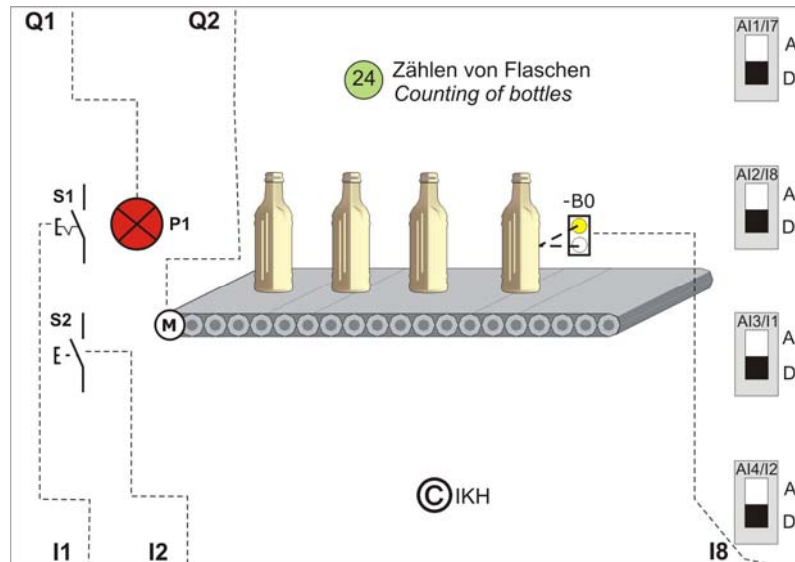


## Counting of bottles with LOGO!Learn

Learning card: Counting of bottles



### Operating description

Bottles have to be counted which are fed onto a conveyor belt.

The system is switched-on with switch S1. The conveyor belt begins to move.

Once 12 bottles have passed the light beam (B0), the belt has to stop.

If button S2 (reset) is activated, the process starts again.

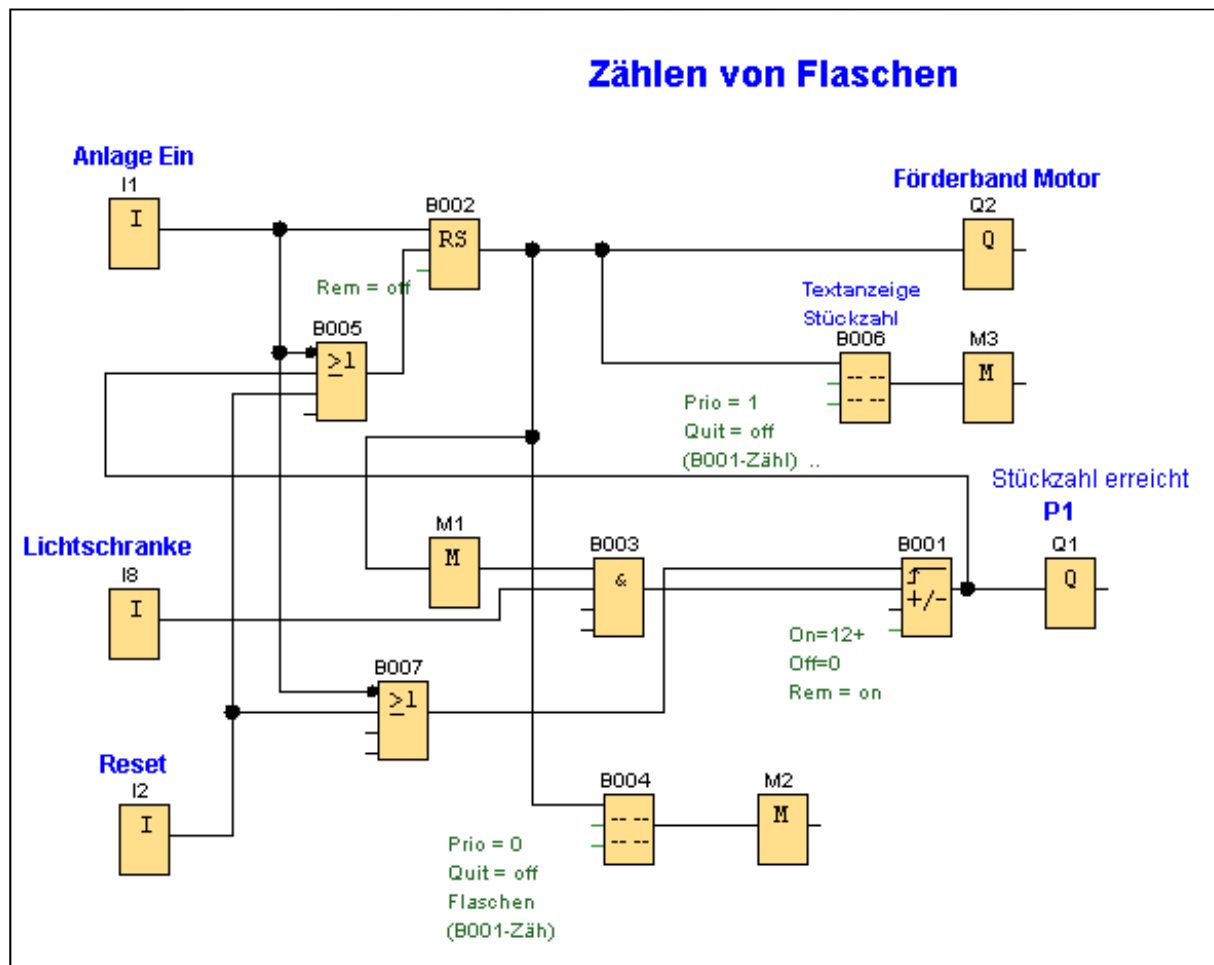
Correlation list		
Symbol	absolute	Comment
S1	I1	Switch on
S2	I2	Button Reset
B0	I8	Light beam
Q1	P1	Pilot lamp Quantity reached
Q2	M	Conveyor belt motor

### Exercise

Solution field 1 shows a suggested solution.

- Enter program according to function block diagram (solution field 1) into the programming unit (i.e. PC or keyboard) and transfer into LOGO!
- Test program
- Transfer the solution „FBD“ as „LAD“ (ladder diagram) into solution field 2.
- Enter Program according to LAD (solution field 2) into the programming unit (i.e. PC or keyboard) and transfer into LOGO!
- Test program

Solution field 1 (suggested solution)



## Solution field 2 (ladder diagram)

