|--|

FactoryIO_Template_S7-1200_V15_V16 / PLC_1 [CPU 1211C DC/DC/DC] / Program blocks

Main [OB1]

Main Properties									
General									
Name	Main	Number	1	Туре	OB	Language	LAD		
Numbering	Automatic								
Information									
Title	"Main Program Sweep (Cy- cle)"	Author		Comment		Family			
Version	0.1	User-defined ID							

Main									
Name	Data type	Default value	Comment						
▼ Input									
Initial_Call	Bool		Initial call of this OB						
Remanence	Bool		=True, if remanent data are available						
Temp									
Constant									

Network 1:

```
*FC9000
"MHJ-PLC-Lab-Function-S71200"
— EN ENO
```

Network 2: System Start

```
%M10.2
"System Start
Mem"

"HMI_Start_But"

SR

SR

HMI_Stop_But"

R1
```

Network 3: Görüntü Senörü Değerini kaydetme

Sensor Value 1 ise Cisim Mavi.

4 ise cisim yeşil.

Hiçbirşey görmüyorsa 0 değeri üretecek.

Network 4: KOnveyörler çalışma

Network 5: Mavi ürün geldi Ayırıcı 1 çalışması

Network 7: HMI DURUM BİLGİSİ

```
%M10.2
                 %MW12
"System Start
Mem"
                "Color_Mem"
                                              MOVE
                  == |
Int |
                                              EN -
                                          0 — IN
                                                           %MW14
                                                  OUT1 — "Status_Mem"
                 %MW12
               "Color_Mem"
                                              MOVE
                  ==
Int
                                              EN -
                                                   - ENO
                                          1 — IN
                                                           %MW14
                                                  OUT1 — "Status_Mem"
```

Network 8: Transfer olan mavi ve yeşişl ürünü sayma

```
%MW12
                                                                          INC
Int
                    %10.0
"Color_Mem"
                 "bExitSensor"
                                  P_TRIG
  ==
Int
                                                                      EN -
                                                                            - ENO
                                  · CLK Q ·
                                     %M5.2
                                                           %MW16
                                   "RisingEdge_
Mem_3"
                                                        "blueCount" — IN/OUT
 %MW12
                                                                          INC
                    %I0.0
"Color_Mem"
                                                                          Int
                 "bExitSensor'
  == |
Int |
                                  CLK
                                     %M5.3
                                                           %MW18
                                  "RisingEdge_4"
                                                       "greenCount" -
                                                                      IN/OUT
```

Network 9: Transfer olacak toplam ürün sayısını hesaplama ve çalışmayı durdurma

Totally Integrated **Automation Portal %M10.2**"System Start Mem" ADD Auto (Int) %MW18 **%MW20**"totalProductCoun
t" "greenCount" — %MW16
"blueCount" — IN2 😩 OUT -**%DB1** "timer-1" **%MW20**"totalProductCoun
t" %M10.2 "System Start Mem" TON "Syste N N Q T#1s PT ET T#0ms Int %MW22
"numProductsToTr ansfer" Network 10: Sistemi Resetle %M10.3 "HMI_reset" MOVE EN - ENO 0 — IN %MW16
— "blueCount" %MW18
OUT2 — "greenCount" %MW20
"totalProductCoun
" OUT3 — t"