

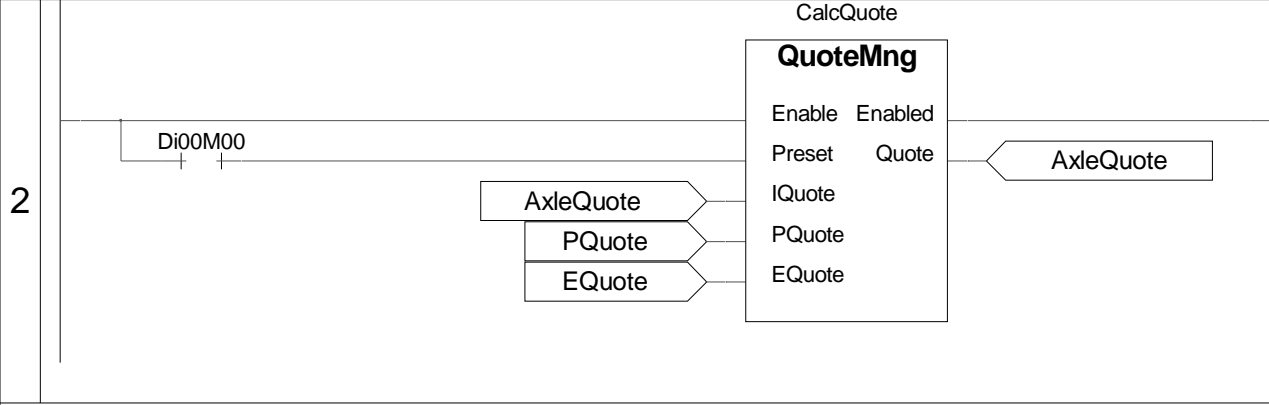
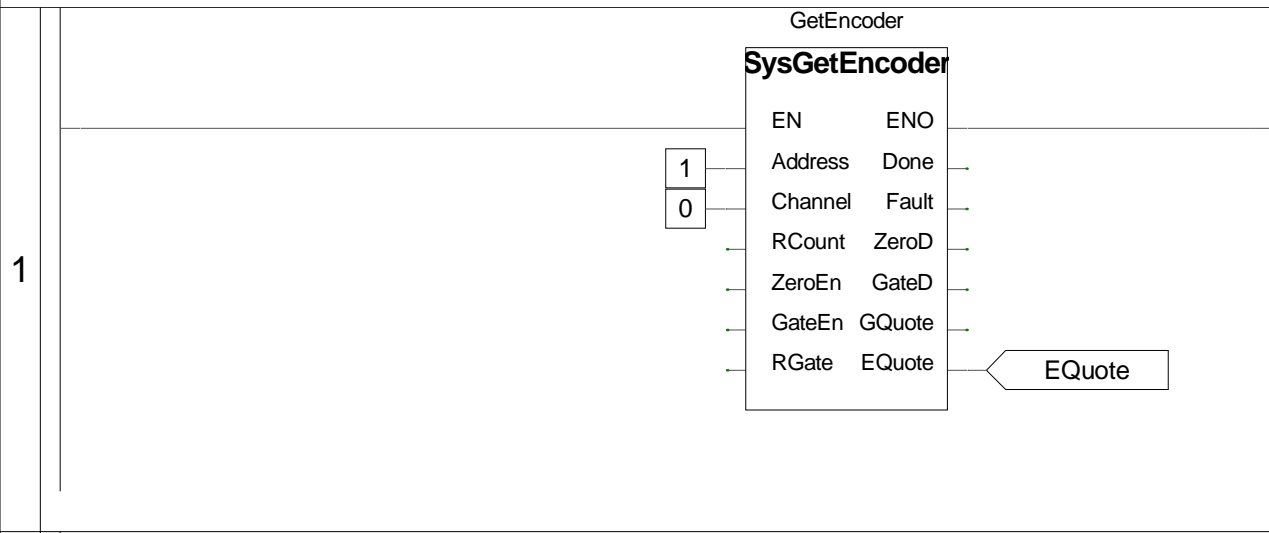
VARIABLES

```
VAR_GLOBAL  
Di00M00 AT %IX0.0 : BOOL;  
AxleQuote AT %MX100.2048 : DINT; (* Axle quote *)  
END_VAR
```

	Project : EncoderMng	
	VARIABLES :	
	Release : EncoderMng	Ver :1.00
	Author :	Date:29/10/2014
	Note :	Page:1 of 1

```

VAR
GetEncoder : SysGetEncoder; (* Encoder acquisition *)
EQuote : UINT; (* Encoder quote *)
CalcQuote : QuoteMng; (* Quote calculation *)
PQuote : DINT; (* Preset quote *)
END_VAR
    
```



Project : EncoderMng	
PROGRAM : Logic	
Release : EncoderMng	Ver :1.00
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```

VAR_INPUT
Enable : BOOL; (* FB enable *)
Preset : BOOL; (* Preset command *)
IQuote : DINT; (* Init quote *)
PQuote : DINT; (* Preset quote *)
EQuote : UINT; (* Encoder quote *)
END_VAR

```

```

VAR_OUTPUT
Enabled : BOOL; (* FB enabled *)
Quote : DINT; (* Quote *)
END_VAR

```

```

VAR
QMemo : UINT; (* Quote memo *)
Space : INT; (* Spazio percorso *)
END_VAR

```

```

1 (* ***** *)
2 (* FUNCTION BLOCK "QuoteMng" *)
3 (* ***** *)
4 (* Questo blocco funzione esegue la gestione di una quota. *)
5 (* ----- *)
6
7 (* ----- *)
8 (* GESTIONE ABILITAZIONE *)
9 (* ----- *)
10 (* Gestione abilitazione FB. *)
11
12 IF NOT(Enable) THEN
13     Enabled:=FALSE; (* FB enabled *)
14     Quote:=0; (* Quote *)
15     RETURN;
16 END_IF;
17
18 (* Primo loop abilitazione, copio valore di init quote. *)
19
20 IF NOT(Enabled) THEN
21     Enabled:=TRUE; (* FB enabled *)
22     QMemo:=EQuote; (* Quote memo *)
23     Quote:=IQuote; (* Quote *)
24 END_IF;
25
26 (* ----- *)
27 (* CALCOLO QUOTA ENCODER *)
28 (* ----- *)
29 (* Calcolo quota in tacche. *)
30
31 Space:=TO_INT(EQuote-QMemo); (* Spazio percorso *)
32 QMemo:=EQuote; (* Quote memo *)
33 IF (Space > 16#4000) THEN Space:=0-Space; END_IF;
34
35 Quote:=Quote+Space; (* Quote *)
36
37 (* Comando preset, su attivazione la quota è impostata al valore di preset. *)
38
39 IF (Preset) THEN

```

Project : EncoderMng	
FUNCTION_BLOCK : QuoteMng	
Release : EncoderMng	Ver :1.00
Author :	Date:29/10/2014
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FUNCTION\_BLOCK QuoteMng

```
40      Space:=0; (* Spazio percorso *)
41      Quote:=PQuote; (* Quote *)
42      END_IF;
43
44 (* [End of file] *)
45
46
```

	Project : EncoderMng	
	FUNCTION BLOCK : QuoteMng	
	Release : EncoderMng	Ver :1.00
	Author :	Date:29/10/2014
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