# PIDFunctions [OB30]

| PIDFunctions Properties | | | | | | | |
|---|---|---|---|---|---|---|---|
| **General** | | | | | | | |
| **Name** | PIDFunctions | **Number** | 30 | **Type** | OB | **Language** | LAD |
| **Numbering** | Automatic | | | | | | |
| **Information** | | | | | | | |
| **Title** | | **Author** | | **Comment** | | **Family** | |
| **Version** | 0.1 | **User-defined ID** | | | | | |

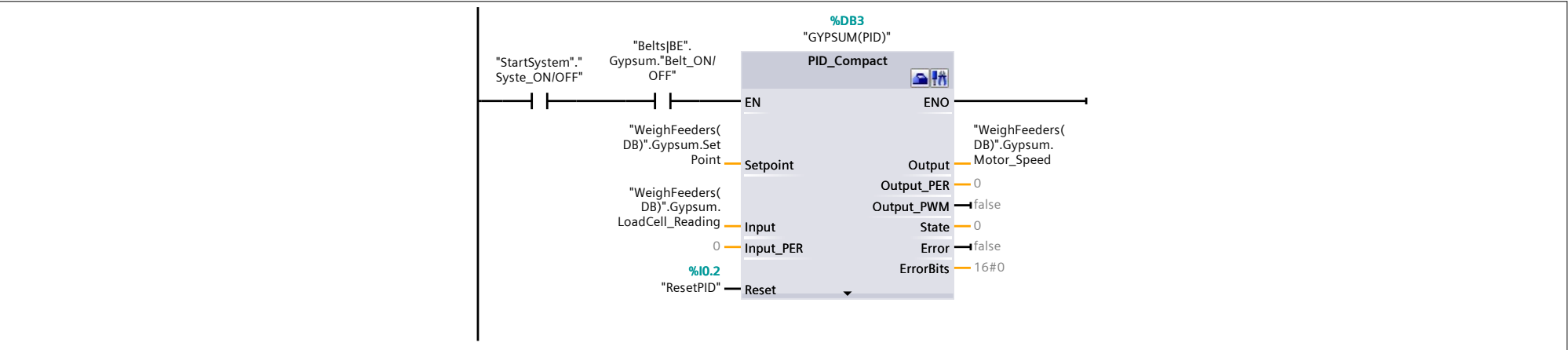| Name | Data type | Default value | Comment |
|---|---|---|---|
| ▼ Input | | | |
|    Initial_Call | Bool | | Initial call of this OB |
|    Event_Count | Int | | Events discarded |
|   Temp | | | |
|   Constant | | | |

## Network 1: CLINKER BLOCK
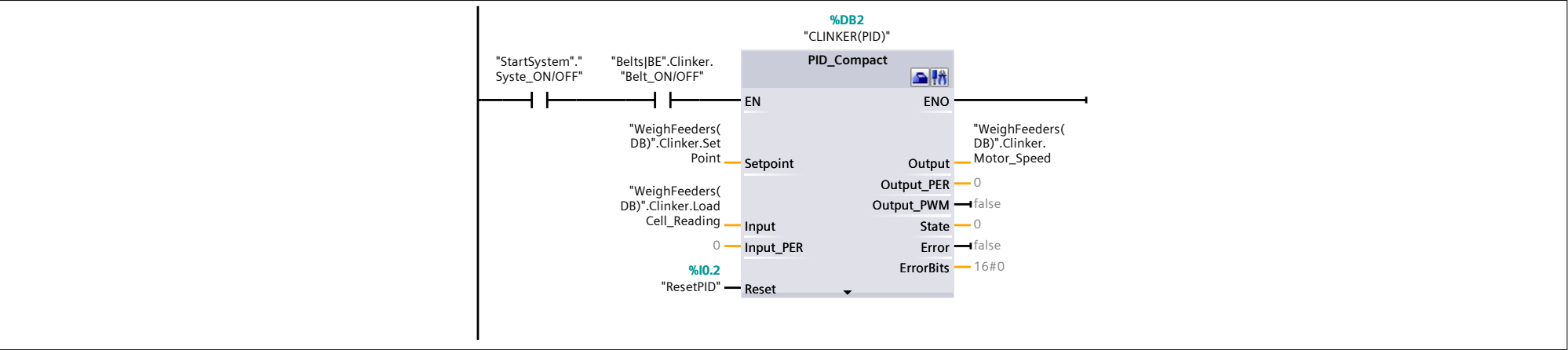


## Network 2: POZZOLANA BLOCK
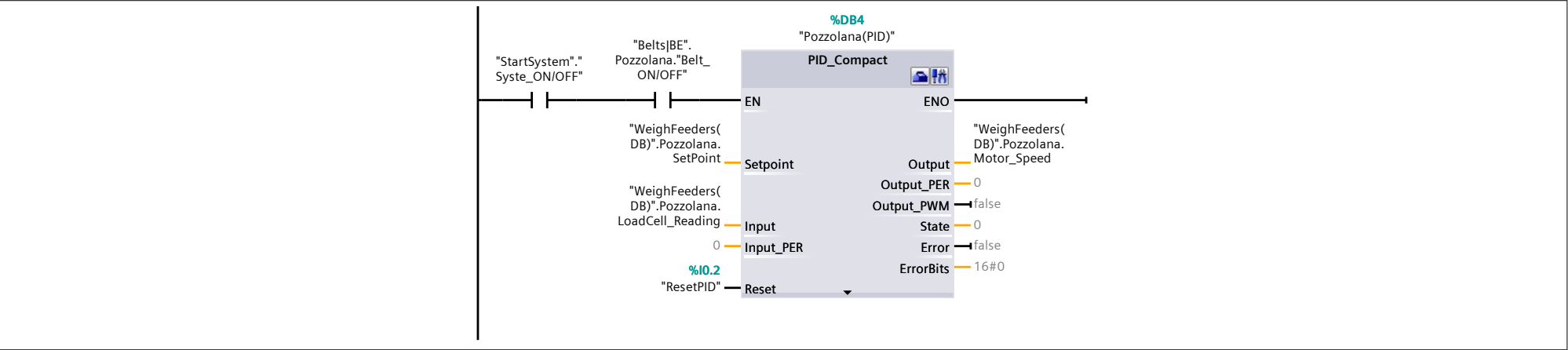


## Network 3: GYPSUM BLOCK



## Network 4: LIMESTONE BLOCK

**%DB5**
"LIMESTONE(PID)"

PID_Compact

"StartSystem"."
Syste_ON/OFF"

"Belts|BE".
Limestone."Belt_
ON/OFF"

EN — ENO

"WeighFeeders(
DB)".Limestone.
SetPoint — Setpoint — Output — "WeighFeeders(
DB)".Limestone.
Motor_Speed

Output_PER — 0

Output_PWM — false

"WeighFeeders(
DB)".Limestone.
LoadCell_Reading — Input — State — 0

0 — Input_PER — Error — false

**%I0.2**
"ResetPID" — Reset — ErrorBits — 16#0