

1 EDCi Setup Changes

DOLI Installation Center V10 setup changes from EDC220V/222V/580V to EDCi.

2 General Data

- **Machine IO X2:**
Only connector X2 available.
Only INPUT mode available. Use Bit Device Init Value for old OUPUT mode.
- **RMC Push Mode:**
Moved from Machine Data -> RMC Definitions.
- **RMC Active Mode:**
MULTI: all RMC Link LEDs are on, all RMCs are active (compatible to old EDCs).
SINGLE: all RMC Link LEDs are blinking, one RMC must be selected by pressing the Link button and then the selected RMC Link LED is on, all others are off.
- **Drive interface parameters:**
 - **External Device Monitoring (EDM):** DISABLE/ENABLE
 - **Estop Supply:** DISABLE/ENABLE
 - **Up Stop Switch:** DISABLE/DRIVE_OFF/SHALT
 - **Down Stop Switch:** DISABLE/DRIVE_OFF/SHALT
- **Sync Stop:**
DISABLE/DRIVE_OFF/SHALT.
- **Sync Drive On/Off:**
DISABLE/ENABLE.
- **EDC Info:**
Info text for this EDC.

3 Machine Data

- **System Time [ms]:**
Replaces old SpeedT and PosT. If SpeedT != PosT, then adjust PID parameters.
- **Machine Info:**
Info text for this machine.
- **Grip parameters removed:**
Use IOSignals -> IOGrip.
- **Shield parameters removed:**
No longer available.
- **Limit Switch Mode removed:**
No longer available.
- **X4Pin14 Mode removed:**
No longer available.
- **RMC Definitions removed:**
Use Machine Data -> Ctrl -> Remote Control.
- **Machine Linearization removed:**
No longer available.

4 Sensors

- **Filter Time [ms]:**
Replaces old Integration Time.
Filter Time is now active for all sensors.

- **Sensor ID:**
Free to use ID for sensors.

5 Ctrl / Ctrl High

- **PosP, SpeedP, SpeedFFP:**
Adjust PosP, SpeedP and SpeedFFP parameters for analogue sensors.
- **PosI, PosD, SpeedI, SpeedD, PosDelay [ms]**
DOLI Installation Center converts the old units automatically.
- **PosFFP removed:**
No longer available.
- **Filter Time [ms]:**
Replaces old Integration Time.
Filter Time is now active for all sensors. Check PID parameters.
- **Deadband Parameters:**
A deadband can be used to reduce, or eliminate a limit cycle due to friction.
- **Dither Parameters:**
Moved from Command OutChannel.
- **Remote Control Parameters:**
Moved from Machine Data -> RMC Definitions.

6 Command Output

- **Dither Parameters removed:**
Use Ctrl / Ctrl High -> Dither Parameters.
- **CCGain removed:**
No longer available.

7 Bit Device

- **Connector:**
Bit input and bit output has now the same connector.
- **Write Protect:**
Output bits can be protected (PC can't change these bits).
- **Stop Mask removed:**
Use IOsignals -> IOKey -> KeyCode -> HALT.

8 IO Signals

- **IO Key:**
Moved from Machine Data -> RMC Definitions.
- **IO Limit Position:**
Supervision of XHead position.
- **IO Limit Speed:**
Supervision of XHead speed.
- **IO Limit Load:**
Supervision of load.

9 Sensor EEPROMS

- **MaxFrequency** input of incremental and absolute sensors removed.
- **Impedance** input and check of analogue sensors removed.