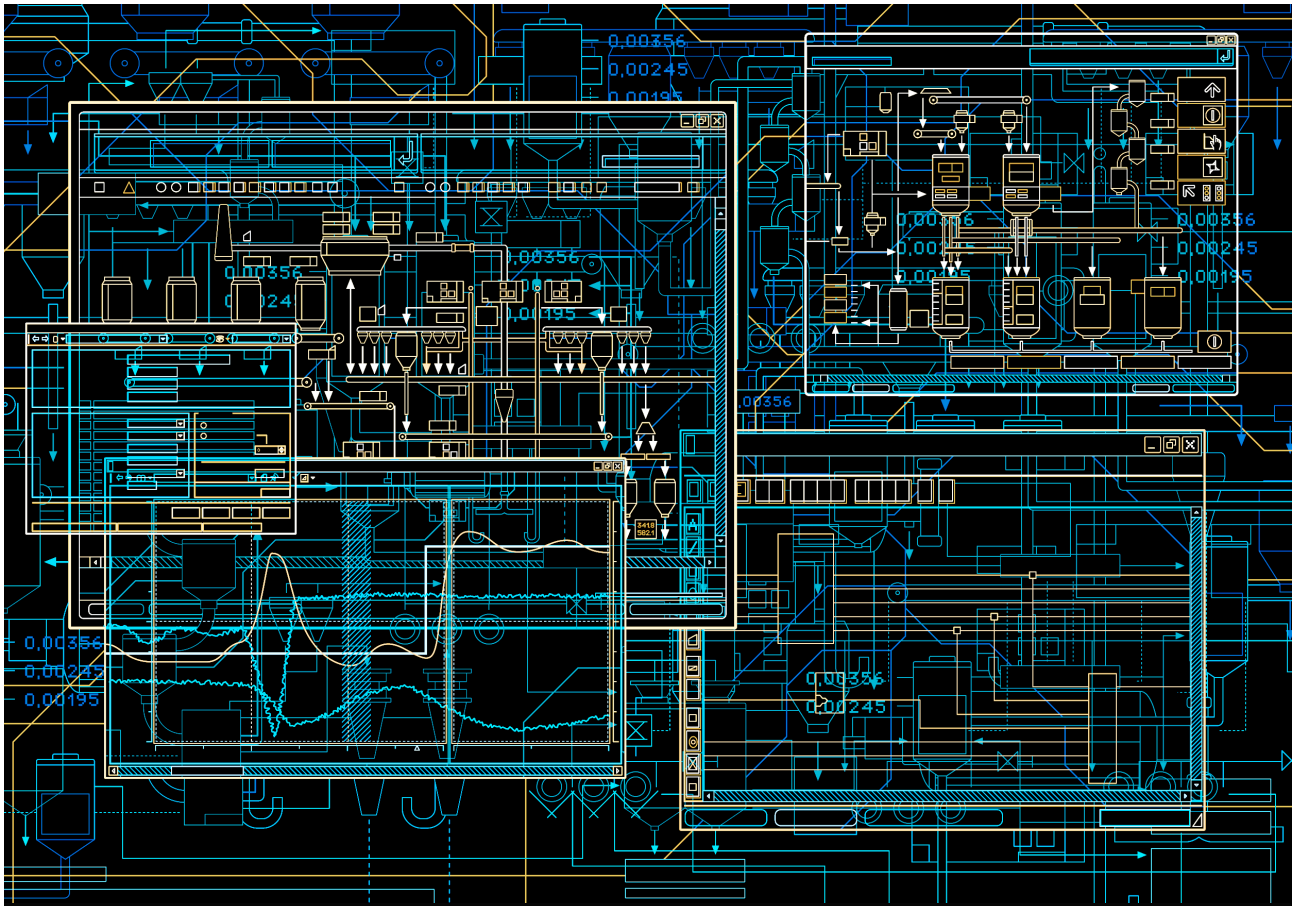


S800 I/O

DTM 5.3

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Table 1. S800 I/O Units (Continued)

Units	Description
AI895	Analog Input, 1*8 channels, 4..20 mA, I.S. and HART Interface
AO801	Analog Output 1*8 channels, 0...20 mA, 4...20 mA
AO810	Analog Output, 1*8 channels, 0..20 mA, 4..20 mA
AO815	Analog Output, 1*8 channels, 4..20 mA, HART Interface, Extended Diagnosis
AO820	Analog Output, 4*1 channels, -20..20 mA, 0..20 mA, 4..20 mA, -10..10 V, 0..10 V, 2..10 V, individually isolated
AO845	Analog Output, 1*8 channels, 4..20 mA, HART Interface, Extended Diagnosis, Redundant Applications
AO890	Analog Output, 1*8 channels, 0..20 mA, 4..20 mA, I.S Interface
AO895	Analog Output, 1*8 channels, 4..20 mA, I.S. and HART Interface
DI801	Digital Input 24 V d.c., 1*16 channels(1)
DI802	Digital Input 120 V a.c., 110 V d.c., 8*1 channels
DI803	Digital Input 230 V a.c., 220 V d.c., 8*1 channels
DI810	Digital Input 24 V d.c., 2*8 channels(2), current sinking
DI811	Digital Input 48 V d.c, 2*8 channels current sinking

Module	About DTM	Identifi-cation	Diagnosis	Observe	Configuration	Parameter-ization	Service
AI835A	X	X	X	X	X		
AI843	X	X	X	X	X		X
AI845	X	X	X	X	X		X
AI880	X	X					
AI890	X	X	X	X	X		
AI893	X	X	X	X	X		
AI895	X	X	X	X	X	X(1)	X
AO801	X	X	X	X	X		
AO810	X	X	X	X	X		
AO815	X	X	X	X	X		
AO820	X	X	X	X	X		
AO845	X	X	X	X	X		X
AO890	X	X	X	X	X		
AO895	X	X	X	X	X	X(1)	X
DI801	X	X	X	X	X		
DI802	X	X	X	X	X		
DI803	X	X	X	X	X		
DI810	X	X	X	X	X		
DI811	X	X	X	X	X		
DI814	X	X	X	X	X		
DI818	X	X	X	X	X		
DI820	X	X	X	X	X		
DI821	X	X	X	X	X		

AO801/AO810/AO820

About DTM

See About DTM on page 46.

Identification

See Identification on page 47.

Dynamic Data

See AO801/AO810/AO815/AO845/AO890/AO895 Dynamic values on page 170, and AO820 Dynamic values on page 171.

Diagnosis

See Diagnosis on page 49.

Observe

See Observe on page 51.

Configuration



This control is not available if the unit is used towards AC 800M. The configuration data is then set via Control Builder Professional.

For configuration of the module, select the “Configuration” menu item. It shows the user parameters of the module, i.e. Signal range, OSP Value.

Channel parameters tab

The control looks the same for all modules but for the number of channels.

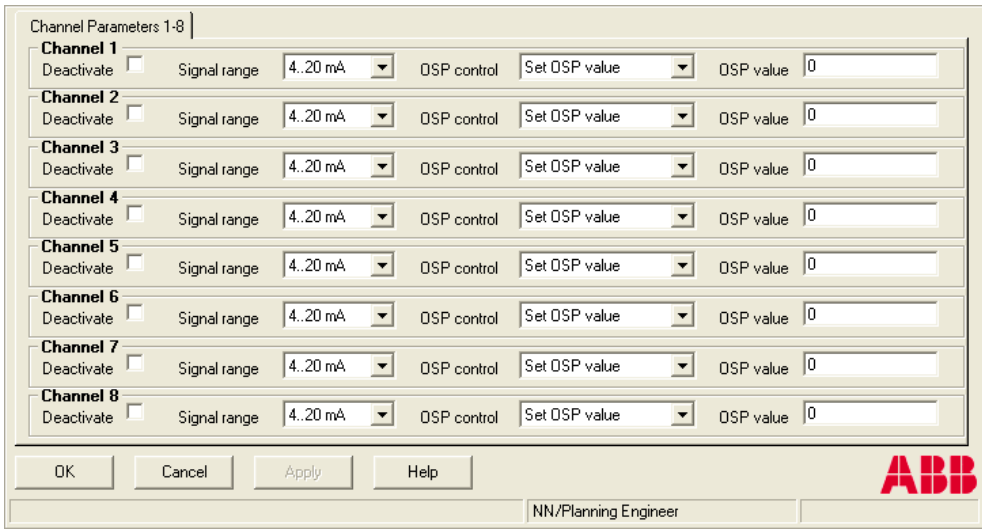


Figure 48. AO801/AO810/AO820 - Configuration - Channel Parameters Tab

Channel area

Mark the **Deactivate** check box if the channel shall not be used.

Make the required choices in the **Signal range** and **OSP control** drop-down menus.

If the alternative “Set OSP value” is chosen, you can type your own value (0-100%) in the **OSP value** text field.

AO815/AO845

About DTM

See About DTM on page 46.

Identification

See Identification on page 47.

Dynamic Data

See AO801/AO810/AO815/AO845/AO890/AO895 Dynamic values on page 170.

Diagnosis

See Diagnosis on page 49.

Observe

See Observe on page 51.

Configuration



This control is not available if the unit is used towards AC 800M. The configuration data is then set via Control Builder Professional.

For configuration of the module, select the “Configuration” menu item.