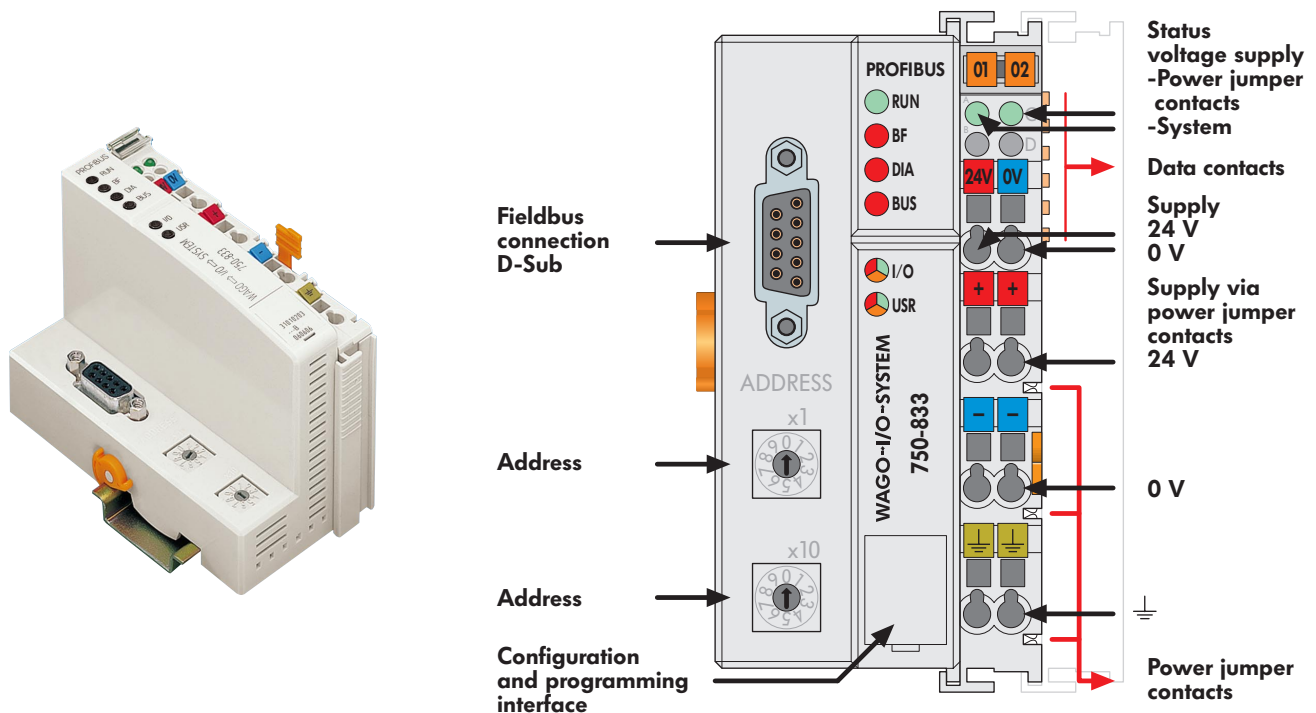


PROFIBUS DP/V1 Programmable Fieldbus Controller;
 EN 50170; 12 Mbaud; digital and analog signals



The programmable fieldbus controller 750-833 combines the PROFIBUS DP functionality of the fieldbus coupler 750-333 with the functionality of a Programmable Logic Control (PLC). Programming of the application is done with WAGO-I/O-PRO 32 in accordance with IEC 61131-3, covering all 5 programming languages. The programmer can access all fieldbus and I/O data.

Characteristics and use:

- The use of decentralized control can better support a PLC or PC
- Signal pre-processing reduces fieldbus transmissions
- Complex applications can be divided into multiple tasks
- Tasks can be prioritized
- Peripheral equipment can be controlled directly, resulting in faster system response times
- Programmable response in the event of a fieldbus failure
- Simple, self-sufficient control

Note: GSD files required

Description	Item-No.	Pack.-unit pcs	System Data	
Contr. PROFIBUS DP/V1 12 MBd	750-833	1	Max. no. of nodes	96 with repeater
			Max. no. of I/O points	ca 6000 (depends on master)
			Transmission medium	Cu cable acc. to EN 50170
			Max. length of fieldbus segment	100 m ... 1200 m (depends on baud rate / on the cable)
			Baud rate	9.6 kbaud ... 12 Mbaud
			Transmission time	typ. 1 ms (10 nodes; 32 Is, 32 Os per node; at 12 Mbaud and digital signals)
			Buscoupler connection	1 x D-Sub 9; socket
			Programming	WAGO-I/O-PRO 32
			IEC 61131-3	IL, LD, FBD, ST, FC

