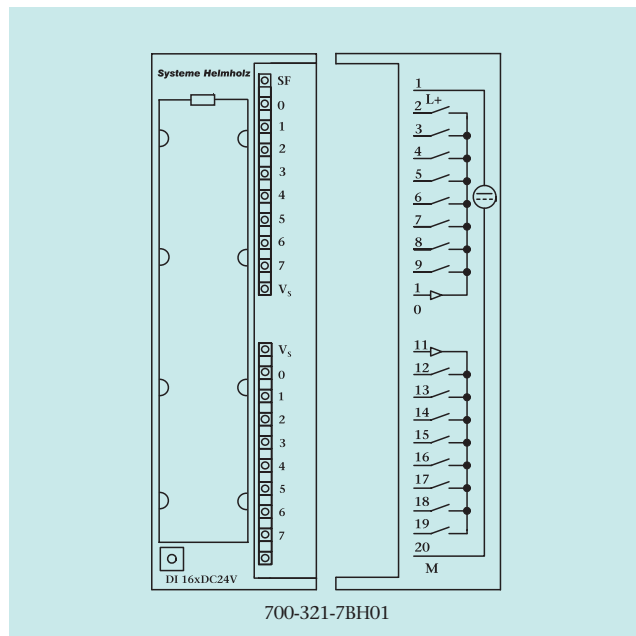


DEA 300, Digital Input Module with Alerts



DEA 300, with Alerts



The digital inputs convert the external binary signals from the process into the internal signal level of the programmable controller.

Green LEDs indicate the signal state of the inputs and outputs.

The inputs of the modules from the Systeme Helmholz GmbH are also suitable for connection of 2-wire proximity switches.

This module offers as additional features parameterizable diagnostic- and processalerts, as well as a parameterizable input delays.

Modules with modified specifications or special modules can be supplied on request.

Accessory-Note

The Systeme Helmholz GmbH supplies front connectors and cable sets (see page 27).

Technical Data

Number of inputs	16
Isolation against backplane bus in groups of	16
Input voltage, reference potential is L+ - nom. value - for Signal "0" - for Signal "1"	DC 24 V -3 ... +5 V +13 ... +30 V
Input current - for Signal "1"	7 mA
Delay time parameterizable in groups by two	0,1 ... 20 ms
Diagnostics	parameterizable
Process alerts	parameterizable
Diagnostic alerts	parameterizable
Conduction length - unshielded - shielded	600 m 1000 m
Current consumption - internal (backplane bus) typ. - extern L+, DC 24 V	130 mA 90 mA
Encoder power supply outputs Output voltage	min L+ DC -2,5 V
Output current	0 ... 150 mA
Short circuit protection	electrical
Power loss (nominal operation)	3,9 W
Front connector	20-way
Permissible ambient temperature - operating - transport and storage	0°C ... 60°C -25°C ... 75°C

Ordering Data	
	Order-No.
DEA 300, with Alerts	700-321-7BH01
Manual DEA 300, german/english	900-321-1DE11