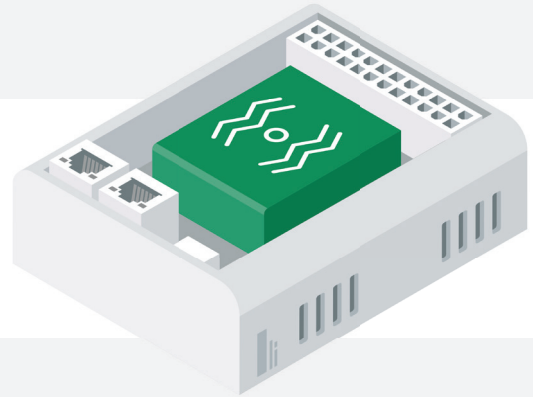


Technical data sheet

DE-CONvibra

Control system for loss in weight feeder



General data

Power supply	24 V DC [nominal voltage]
Permitted voltage range	20 - 36 V DC
Residual ripple	max. 200 mVss
Power consumption [typical]	
DE-CONscale	ca. 3,8 W [ca. 135 mA @ 24V DC]
Power IO-Voltage	24 V DC [nominal voltage]
Permitted voltage range	20 - 36 V DC
Fuse F1 [24 V DC Power Supply]	1 A delayed fuse [Type: Littelfuse 0154.001 DRT]
Polyswitch [24 V DC external]	max. 600 mA
Max. ambient temperature (Operating)	0°C - +50°C
Storage temperature	-20°C - +85°C
Relative humidity	85% without condensation
Weight	ca. 350 g
Dimensions	ca. 187 mm x 143 mm x 69 mm [L x B x H]
Installation position	any
Protection class	IP20 (IP65)
EMV, CE	according to EN61000-6-2 Interference immunity according to EN55011, Kl. B Emission

IO's

4x Digital inputs	24 V nominal voltage; according to DIN EN 61131-2 Typ 1
1x Impulse input	0 -10 kHz
4x Digital outputs	Changeover contacts
Switching voltage	max. 42 V DC / 30 V min. 1 V @ 1 mA
Contact rating	max. 3 A
Switching power	max. 80 VA
Electrical isolation	500 V
1x Analogue output	0-10 V or 0-20 mA (adjustable per software) [resolution 16 Bit]

Interfaces

1x RS485/422	in RS422 Mode fixed termination in RS485 Mode switchable with termination
3x RS485	switchable with termination
Electrical isolation	500 V
1x USB [Mini-USB]	USB 1.1 (no electrical isolation)
2x Ethernet [RJ45]	10/100 MBit/s with switch function
Supported protocols	Profinet Modbus TCP Ethernet IP EtherCAT Profibus RK512 OPC UA Serial fieldbusses

DMS - Loadcell (direct connection)

1x Analogue input	Max. 4 DMS-Loadcells in 4/6-wire-technology [resolution 20/24 Bit]
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Digital Loadcells

Supported manufacturers	HBM Bizerba Pesa Mettler Toledo Eilsersen Others on request
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Drive control (direct connection)

Supported manufacturers	Lenze Siemens Panasonic Allen Bradley Danfoss Others on request
Others	Direct control of Servomotor
Others	Control via analogue output

Would you like to learn more about our products? We look forward to advising you.



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