

VEK MNST 1 – 4

LOOP DETECTOR MODULES FOR FEIG CONTROLLER (1-CHANNEL UP TO 4-CHANNEL)

- Plug-in modules for TST FUZ and TST FUF
- Connection via edge connectors and plug-in terminals
- Easy adjustment possibilities via parameter of control unit
- Opto coupler output for applications with high operating cycles
- No interaction between loops due to multiplex procedure



FEIG Induction Loop Detectors for parking technologies

The loop detector modules of the MNST series, in combination with the door controls from FEIG, offer an optimal unit for the operation of sliding gates, barriers, bifold gates and bollards.

Due to the connection via the serial interface, the detectors can be parameterized easily and quickly via the controller and all information about the induction loops can be conveniently displayed via the controller LCD.

Thanks to the integration into the controls, complex processes with up to 4 induction loops can be implemented.

The diagnostic software offers a powerful tool in case trouble shooting.

Additional features:

- › Automatic system adjustment directly after power on
- › Galvanic isolation between loop and detector electronics
- › Sensitivity adjustment independent of loop inductivity
- › Continuous readjustment of frequency drifts in order to avoid environmental influences
- › Quick response time
- › Mode 'direction indication' for multi channel versions
- › Adjustments for output operation – pulse & presence
- › LEDs for indication and fault detection

Technical Data

Housing	none / IP 00
Dimensions (w x h x d)	73 mm x 50 mm x 12 mm (without plug connector)
Weight	40 g
Type of connection	2x MOLEX edge connector
Supply voltage	24 V DC from door control
Temperature range	-37°C – 75°C

Loop Characteristics

Loop supply cable	up to 200 m
Inductance range	20 – 700 μ H (recommended 100 – 300 μ H)
Operating frequency	30 – 130 kHz (2 steps)
Sensitivity range	0.01 - 2.55% $\Delta f/f$ (255 with service software)

Signal Outputs

RS485	Interface for configuration and communication with the controller
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Compatible with

[TST FUZ2-B, -C, -CX, -L series](#) (not compatible with FUZ2-A)

[TST FUF2-A, -C, -F series](#)

[TST FU3F-A, -C, -F series](#)

[TST FU3F-AU, -CU, -DU, -FU series](#)

Order Descriptions

4782	VEK MNST1-A	1-channel induction loop detector
4783	VEK MNST1-A-LL20	1-channel induction loop detector, delivery lot size: 20
4784	VEK MNST2-A	2-channel induction loop detector
4785	VEK MNST2-A-LL20	2-channel induction loop detector, delivery lot size: 20
4786	VEK MNST3-A	3-channel induction loop detector
4787	VEK MNST3-A-LL20	3-channel induction loop detector, delivery lot size: 20
4789	VEK MNST4-A	4-channel induction loop detector
4790	VEK MNST4-A-LL20	4-channel induction loop detector, delivery lot size: 20



VEK MNST4