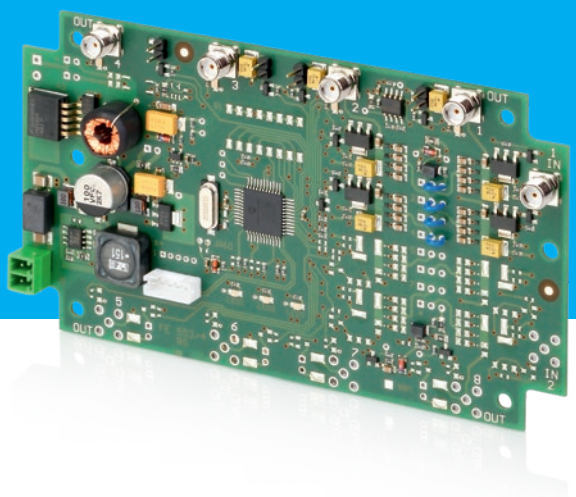
FEIG

ID ANT.MUX.M4

HF 4 CHANNEL MULTIPLEXER

- Communication between reader and Multiplexer via antenna cable
- Multiplexer outputs are controlled by the reader or the host system
- Non-wearing electronic switching of the outputs
- High switching speed (< 1 ms)
- Also available: 8 channel Multiplexers (in a housing or as multiplexer module)



HF 4 channel Multiplexer

The 4 channel Multiplexer Module ID ANT.MUX-M4 facilitates switching between RFID antennas with an operating frequency of 13.56 MHz. With one Multiplexer several single antennas and gate solutions can be operated with only one reader.

The Multiplexer is controlled via the antenna cable connected with the reader. An additional connection to the Multiplexer is not necessary which guarantees an easy installation.

The advanced communication between the reader and Multiplexer allows direct switching to any output.

Additionally, FEIG ELECTRONIC offers an 8 channel Multiplexer Module and an 8 channel Multiplexer with housing.

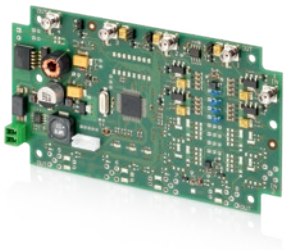
RFIDCanada
Automating Identification

HF 4 CHANNEL MULTIPLEXER

The Multiplexer enables operation of up to 4 antennas with just one reader

Technical data	ID ANT.MUX.M4
Dimensions (w x h x d)	137 mm x 77 mm x 15 mm
Weight	approx. 80 g
Operating frequency	13.56 MHz
Supply voltage	12 – 24 V DC
Power consumption	max. 4.0 W
Attenuation per channel	max. 0.5 dB
Max. perm. switching power	8 W
RF connections	
1 x input	SMA jack (50 Ω)*
4 x output	SMA jack (50 Ω)*
RF switches	electronic switches (non-wearing); switching speed < 1 ms
Triggering reader	communication via RF input 1
Signal indicator	1 x LED per channel
	3 x LED (Run / HF / Communication)
Temperature range	
Operation	–25 °C up to +65 °C (–13 °F to +149 °F)
Storage	–40 °C up to +80 °C (–40 °F to +176 °F)

* Maximum tightening torque: 0.45 Nm (4.0 lbf in)



ID ANT.MUX.M4



ID ANT.MUX.M8



ID ANT.MUX

Standard conformity

EMC	EN 61000-6-3, EN 61000-6-2	
Vibration	EN 60068-2-6	10 Hz to 150 Hz: 0.075 mm / 1 g
Shock	EN 60068-2-27	Acceleration: 30 g

Order descriptions

ID ANT.MUX.M4	HF Multiplexer Module (4 channels)
ID ANT.MUX.M8	HF Multiplexer Module (8 channels)
ID ANT.MUX	HF Multiplexer (8 channels)

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FEIG

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