

**RS F10 I/O8 LMZF****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

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Passive RS F40 or RS F10 interface elements for 32 or 8 signals: these enable an efficient connection of peripherals (sensors and actuators) to the input/output modules of the PLC using pre-assembled cables.

The main characteristics are:

- Tension-clamp or screw connection system
- Signals grouped according to bytes.
- 1-, 2- or 3-wire technology.
- Extremely compact modules in RS 45 profile section for installation on standard TS35 mounting rail.

**General ordering data**

Type	RS F10 I/O8 LMZF
Order No.	<a href="#">8428870000</a>
Version	1-wire, Tension clamp connection
GTIN (EAN)	4008190030582
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Length	43 mm	Width	45 mm
Height	54 mm	Net weight	74 g

## Temperatures

Operating temperature	0...+55°C	Storage temperature	-40...+70 °C
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## Connection data

Connection on control side	Connector according IEC60603-13/DIN41651	Number of poles (control side)	10-pole
Connection (field side)	LMNZF 5.08mm	Connection supply	LMNZF 5.08mm
Wiring system	1-wire		

## Ratings data

Max. current per channel	1 A
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## Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	60 V AC
Surge voltage category	II	Pollution severity level	2
Insulation test voltage	0.38 kVAC		

## Connection field

Type of connection	Tension clamp connection	Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	1.5 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>	Flexible with sleeve, max.	1.5 mm <sup>2</sup>
Sleeve with plastic collar, max.	2.5 mm <sup>2</sup>	Min. wire cross-section, AWG [field]	AWG 26
Max. wire cross-section, AWG [field]	AWG 14	Stripping length	7 mm

## Supply connection

Type of connection	Tension clamp connection	Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	1.5 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>	Flexible with sleeve, max.	1.5 mm <sup>2</sup>
Wire cross-section, min. AWG	AWG 26	Wire cross-section, max. AWG	AWG 14
Stripping length	7 mm		

## Classifications

ETIM 3.0	EC001419	UNSPSC	30-21-18-01
eClass 5.1	27-24-22-04	eClass 6.2	27-24-22-04
eClass 7.1	27-24-22-04		

**Data sheet**

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**Technical data**

**Approvals**

Approvals



ROHS

Conform

**Data sheet**

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**Drawings**

