

RS F10 I/O8 LD LPK2**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

Version	Interface, RSF, 1-wire, Screw connection
Order No.	8224260000
Type	RS F10 I/O8 LD LPK2
GTIN (EAN)	4008190208127
Qty.	1 pc(s).

RS F10 I/O8 LD LPK2

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	80 mm	Depth (inches)	3.15 inch
Height	87 mm	Height (inches)	3.425 inch
Width	40 mm	Width (inches)	1.575 inch
Net weight	121 g		

Temperatures

Storage temperature	-40...70 °C	Operating temperature	0...55 °C
---------------------	-------------	-----------------------	-----------

General data

LED status display per channel	yellow	LED status of the supply voltage	green
--------------------------------	--------	----------------------------------	-------

Connection data

Connection (field side)	LPK 2H 5.08mm	Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
Connection supply	LPK 2H 5.08mm	Number of poles (control side)	10-pole
Wiring system	1-wire		

Ratings data

Max. current per channel	1 A		
--------------------------	-----	--	--

Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	≤ 50 V DC
Surge voltage category	III	Pollution severity level	2
Insulation test voltage AC	0.35 kV		

Connection field

Clamping range, max.	1.5 mm ²	Clamping range, min.	0.15 mm ²
Flexible with sleeve, max.	2.5 mm ²	Flexible, max. H05(07) V-K	4 mm ²
Flexible, min. H05(07) V-K	0.5 mm ²	Max. wire cross-section, AWG	AWG 12
Min. wire cross-section, AWG	AWG 26	Sleeve with plastic collar, max.	2.5 mm ²
Solid, max. H05(07) V-U	6 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Stripping length	6 mm	Tightening torque, max.	0.6 Nm
Tightening torque, min.	0.5 Nm	Type of connection	Screw connection

Supply connection

Type of connection	Screw connection	Clamping range, min.	0.15 mm ²
Clamping range, max.	1.5 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	6 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible with sleeve, max.	4 mm ²
Wire cross-section, min. AWG	AWG 26	Wire cross-section, max. AWG	AWG 10
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	13 mm		

RS F10 I/O8 LD LPK2

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	EC002780	ECLASS 9.0	27-14-11-52
ECLASS 9.1	27-14-11-52	ECLASS 10.0	27-14-11-52
ECLASS 11.0	27-14-11-52	ECLASS 12.0	27-14-11-52
ECLASS 13.0	27-14-11-52	ECLASS 14.0	27-14-11-52
ECLASS 15.0	27-14-11-52		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cl
REACH SVHC	Lead 7439-92-1
SCIP	7b5ffb72-271d-4c73-8b09-bd0aeee3697a

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	K330_01_11.pdf
Engineering Data	CAD data – STEP
Product Change Notification	Technical change to module RS F10 I/O8 LD LPK2
Catalogues	Catalogues in PDF-format

RS F10 I/O8 LD LPK2

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

