

**IEM-SCS****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Meet industrial requirements, Weidmüller's IEM series media converters have a RJ45 port and variants of single-mode / multimode fibre optic port with a ST or SC connector.

- Protection level: IP40
- Operation temperature: -40°C to +85°C
- Metal, fanless
- DIN-Rail or wall mounting
- Input voltage: 24V DC/AC (18~72 VDC / 18~50 VAC)

**General ordering data**

Version	1 * RJ45 10/100BaseT(X), 1 * SC Single-mode, Din-Rail(wall) mounting products, IEM
Order No.	<a href="#">7760048141</a>
Type	IEM-SCS
GTIN (EAN)	6944169638183
Qty.	1 pc(s).
Local product	Only available in certain countries

Creation date November 4, 2021 1:35:09 AM CET

Catalogue status 22.10.2021 / We reserve the right to make technical changes.

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## Technical data

## General ordering data

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## Dimensions and weights

Height	115 mm	Height (inches)	4.528 inch
Width	30 mm	Width (inches)	1.181 inch
Length	91.5 mm	Length (inches)	3.602 inch
Weight	0.46 kg	Net weight	460 g

## Temperatures

Storage temperature	-40 °C...+85 °C	Operating temperature	-40 °C...+85 °C
Humidity	5...95 %, no condensation		

## Approvals

EMI		EMS	IEC 61000-4-2 Electrostatic discharge: ±8kV contact discharge, ±15kV air discharge; IEC 61000-4-3 Radiated RFI: 10V/m (80MHz~1GHz);, IEC 61000-4-4 Fast transient/burst: DC/ AC power port: ±4kV; data port: ±2kV; IEC 61000-4-5 Surge: DC/AC power port: ±2kV (line- line), ±4kV (line-earth); IEC 61000-4-6 conducted RFI: DC/AC power port: 10V (150 kHz~80MHz)
	FCC CFR47 Part 15, CISPR22 (EN 55022) Class A		
Free fall	IEC 60068-2-32	Railway	EN 50155, EN 50121-4
EMC standards	CE, FCC	Shock resistance IEC 60068-2-27	Available
Vibration resistance IEC 60068-2-6	Available	General Industry	IEC61000-6-2
Security	UL508	Hazardous environment	UL1604 Class 1 Div 2 (pending)

## Cable

Twisted Pair	100 m (standard CAT5, CAT5e LAN cable)	Single-mode optic fibre	40 km, 1310 nm
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## Power Supply

Connection type	5 pole 5.08mm pitch terminal block	Input voltage	24V DC/AC (18~72 VDC / 18~50 VAC)
Overload protection	Yes	Power consumption	≤1.8 W
Redundant power supply	Yes	Reverse polarity protection	Yes

## Technology

Diagnosis	LED (power supply and port)	Network structure	line
Redundancy	power supply		

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2

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**Technical data****Environmental conditions**

Humidity 5...95 %, no condensation

**Fibre optic Fast Ethernet**

Max. TX Fast Ethernet	-4 dBm	Min. TX Fast Ethernet	-12 dBm
Receive sensitivity Fast Ethernet	-34 dBm	Saturation-Fast Ethernet	-3 dBm
Typical distances Fast Ethernet	0 - 40 km (single-mode fibre optic cable)	Wavelength Fast Ethernet	1,310 nm

**Guarantee**

Time interval 5 years

**Interfaces**

LED indicator	Power LED: PWR1, PWR2 (redundant power input), Port LED: Link/ACT, Speed (RJ45 port)	Number of ports	1 * RJ45 10/100BaseT(X), 1 * SC Single-mode
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**Technical data**

Housing main material	fanless, metal	Number of ports	1 * RJ45 10/100BaseT(X), 1 * SC Single-mode
Type of mounting	Rail, TS 35, Wall mounting		

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