

IE-C5ES8UG0075A40A40-E

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

www.weidmueller.com



General ordering data

Version	System cable, RJ45 IP 20, RJ45 IP 20, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PUR, 7.5 m
Order No.	8935660075
Type	IE-C5ES8UG0075A40A40-E
GTIN (EAN)	4050118610109
Qty.	1 Stück

Erstellungs-Datum May 24, 2023 3:46:50 PM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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Technische Daten

Dimensions and weights

Length	7.5 m	Length (inches)	295.276 inch
Net weight	316.7 g		

Temperatures

Storage temperature	-40 °C...75 °C	Operating temperature	-40 °C...80 °C
Operating temperature, min.	-40 °C	Operating temperature, max.	80 °C
Installation temperature	-10 °C...60 °C		

Cable specific standards

Corrosiveness of fumes	to IEC 60754-2	Generic communication cable facilities	ISO / IEC 11801:2002, EN 50173-1:2007
Standard, assembly	UL-Style 20963 (80°C/30V)		

Cable structure

Arrangement of wire cores	Twisted pair	Colour sequence or wires - wire pairs	white - blue, white - orange, white - green, white - brown
Complete shielding	Aluminium foil, Shielding braid made from copper wiring	Cross-section	4*2*AWG 26/7 - 4*2*0.128 mm ²
Insulation	PE	Insulation cross-section	1 mm
Material sheath	PUR	Number of wires	8
Sheath diameter, max.	6.3 mm	Sheath diameter, min.	5.7 mm
Sheathing colour	green (RAL 6018)	Shielding	SF/UTP
Shielding braid thickness	0.1 mm	Standard designations	SF/UTP, IE-7IC4x2xAWG23/1-PUR 02YSC11Y PIMF
Strands	7	Wire material	Stranded tin-plated copper wire

Electrical properties of cable

Capacity at 1 kHz	47 nF/km	Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)
Characteristic impedance	100 ± 5 Ω at 100MHz	Deviation	25 ns/100m
Loop resistance	290 Ω/km	Signal propagation time	4.85 ns/m
Test voltage: wire-wire-shield	1000 V _{rms} , 50 Hz, 1 min		

Mechanical and material properties of cable

Abrasion resistance	very good	Corrosiveness of fumes	to IEC 60754-2
Halogen	halogen-free, according to IEC 60754-2	Min. bending radius, once only	4 x cable diameter
Min. bending radius, repetitive	10 x cable diameter	Resistance to oils	in accordance with IEC 60811-2-1
Resistance to spread of flame	in accordance with IEC 60332-1	Silicone-free	Yes
UV-resistant	Yes		

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Technische Daten

Plug

Plug	Cable side	left	
	Version of contact face	RJ45	
	Protection degree (IP)	IP20	
	Gender of contact	male contact	
	Outlet direction	straight	
	Housing main material	Plastic	
	Status indicator available	No	
	Shielding available	Yes	
	Cable side	right	
	Version of contact face	RJ45	
	Protection degree (IP)	IP20	
	Gender of contact	male contact	
	Outlet direction	straight	
	Housing main material	Plastic	
	Status indicator available	No	
	Shielding available	Yes	
	Plug left	RJ45, IP20, male contact, straight, Plastic, shielded	
	Plug right	RJ45, IP20, male contact, straight, Plastic, shielded	

Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ECLASS 9.0	27-06-03-08
ECLASS 9.1	27-06-03-08	ECLASS 10.0	27-06-03-08
ECLASS 11.0	27-06-03-08	ECLASS 12.0	27-06-03-08

Approvals

Approvals



ROHS

Conform

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format