

Round cable, SmartWire-DT, 50m, 8-Pole, 8mm

Part no.
Article no.

SWD4-50LR8-24
116030



Delivery program

Product range		SmartWire-DT accessories
Basic function		SWD round cable
Function		For connecting pilot devices in CI surface mounting enclosures
Description		8 pole HK-S0-Li2YY, 8 mm diameter
Length	m	50
Note regarding length		1 off
Connection to SmartWire-DT		yes
For use with		M22-SWD...
Protection type (IEC/EN 60529, EN50178, VBG 4)		IP67

Technical data

Ambient conditions, mechanical

Protection type (IEC/EN 60529, EN50178, VBG 4)		IP67
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Climatic environmental conditions

Operating ambient temperature (IEC 60068-2)	°C	
Operating ambient temperature max.	°C	+ 70
Condensation		permissible

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	0
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Equipment heat dissipation, current-dependent	P_{vid}	W	0
Static heat dissipation, non-current-dependent	P_{vs}	W	0
Heat dissipation capacity	P_{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70
Degree of Protection			IP67
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			
10.2.3.1 Verification of thermal stability of enclosures			
10.2.3.2 Verification of resistance of insulating materials to normal heat			
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			
10.2.4 Resistance to ultra-violet (UV) radiation			
10.2.5 Lifting			
10.2.6 Mechanical impact			
10.2.7 Inscriptions			
10.3 Degree of protection of ASSEMBLIES			
10.4 Clearances and creepage distances			
10.5 Protection against electric shock			
10.6 Incorporation of switching devices and components			
10.7 Internal electrical circuits and connections			
10.8 Connections for external conductors			
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			
10.9.3 Impulse withstand voltage			
10.9.4 Testing of enclosures made of insulating material			

10.10 Temperature rise		The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating		Is the panel builder's responsibility.
10.12 Electromagnetic compatibility		Is the panel builder's responsibility.
10.13 Mechanical function		The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 6.0

Cables and wires unpreassembled (EG000001) / Data cable (EC000830)

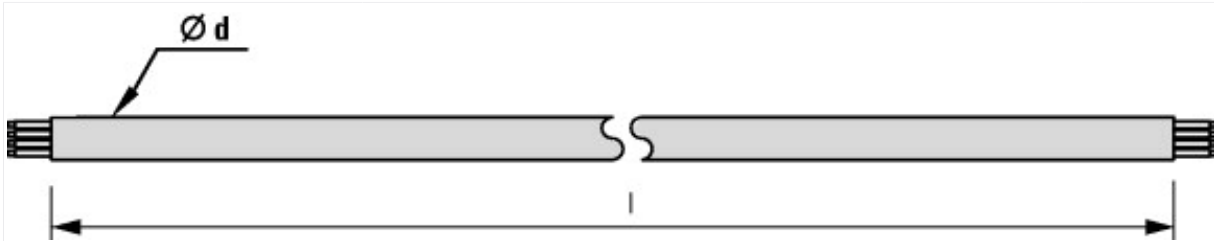
Electric engineering, automation, process control engineering / Cable, wire / Communication cable / Data cable (ecl@ss8.1-27-06-18-01 [AKE197011])

Conductor material			Cu, bare
Diameter conductor		mm	1.5
Nominal cross section conductor		mm ²	0.5
AWG-size			20
Conductor category			Class 2 = stranded
Number of cores			8
Stranding element			Pairs
Core insulation			PE (polyethylene)
Core identification			Colour
Screen over stranding element			Foil
Screen over stranding			None
Material outer sheath			PVC
Colour outer sheath			Green
Halogen free (acc. EN 60754-1/2)			Yes
Flame retardant			In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)			No
Outer diameter approx.		mm	8.2
Permitted cable outer temperature, in movement		°C	-10 - 80
Permitted cable outer temperature, fixed		°C	-20 - 80
Category			-
NVP value		%	66.5

Approvals

UL File No.			E29184
UL Category Control No.			NKCR
CSA File No.			2324643
CSA Class No.			3211-07
North America Certification			UL listed, CSA certified
Specially designed for North America			No

Dimensions



SWD round cable, 8 pole

Additional product information (links)

Instruction leaflet "SWD4...: wiring material and accessories" IL04716001Z

Instruction leaflet "SWD4...: wiring material and accessories" IL04716001Z ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716001Z2015_08.pdf

SmartWire-DT manual, The System MN05006002Z

MN05006002Z (AWB2723-1617) SmartWire-DT, Das System - Deutsch ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006002Z_DE.pdf

MN05006002Z (AWB2723-1617) SmartWire-DT, The system - English	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006002Z_EN.pdf
MN05006002Z (AWB2723-1617) SmartWire-DT, il sistema - italiano	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006002Z_IT.pdf
amp;startpage=Title;Product Range Catalog SmartWire-DT	http://ecat.moeller.net/flip-cat/?edition=SWCAT&startpage=Title
Technical data	http://ecat.moeller.net/flip-cat/?edition=SWCAT&startpage=32
SWD-ASSIST	http://downloadcenter.moeller.net/en/software.a487d8b7-da91-486f-b3ba-a7ca2035db99