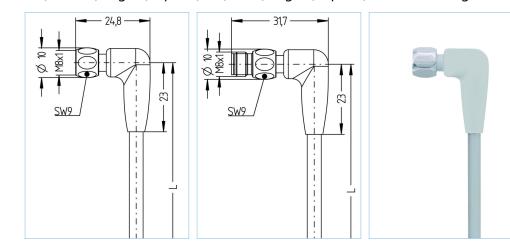


M8, female, angled, 4 poles, M8, male, angled, 4 poles, Food & Beverage







Product dataItem description



Item-No. V0005595 Länge on demand Customs tariff-No. 85444290 Step-File FB-SWKPH4-LFB-SVPH4-S3930.stp Technical data A-side B-side Connector female, angled, M8 male, angled, M8 Number of pins 4 4 Rted voltage 60V 60V Rurent load (at 40°C) 4A 4A Sullation resistance 210°Ω 40°C+105°C Ambient temperature product 40°C+105°C 40°C+105°C Contact material Metal, CuZn, gold-plated Metal, CuZn, gold-plated Contact-carrier material Plastic, PP, GY Plastic, PP, GY Grip body material Stainless steel, V4A Stainless steel, V4A Sealing (female) material EPDM EC 61076-2-104 Standards 1EC 61076-2-104 IEC 61076-2-104 Begree of protection (mounted) 1965, IP67, IP68, IP69 100 mating cycles Begree of pollution 310 mating cycles 100 mating cycles	•			
Customs tariff-No. 85444290 Step-File FB-SWKPH4L-FB-SWSPH4-S3930.stp Technical data A-side B-side Connector female, angled, M8 male, angled, M8 Number of pins 4 4 Pin assignment 1 BN, 2 WH, 3 BU, 4 BK 1 BN, 2 WH, 3 BU, 4 BK Rated voltage 60V 60V Current load (at 40°C) 4A 4A Insulation resistance ≥10°Ω ≥10°Ω Ambient temperature product -40°C+105°C -40°C+105°C Contact material Metal, CuZn, gold-plated Metal, CuZn, gold-plated Contact-carrier material Plastic, PP, GY Plastic, PP, GY Grip body material Plastic, TPE, GY Plastic, TPE, GY Coupling nut material Stainless steel, V4A Stainless steel, V4A Sealing (female) material EPDM EC 61076-2-104 EC 61076-2-104 Standards IEC 61076-2-104 IEC 61076-2-104 IEC 61076-2-104 Degree of protection (mounted) Pl65, IP67, IP68, IP69 P100 mating cycles >100 mating cycles	Item-No.		V0005595	
Step-File FB-SWKPH4-L-FB-SWSPH4-S3930.stp Technical data A-side B-side Connector female, angled, M8 male, angled, M8 Number of pins 4 4 Pin assignment 1 BN, 2 WH, 3 BU, 4 BK 1 BN, 2 WH, 3 BU, 4 BK Rated voltage 60V 60V Current load (at 40°C) 4A 4A Insulation resistance ≥10°Ω ≥10°Ω Ambient temperature product -40°C+105°C -40°C+105°C Contact material Metal, CuZn, gold-plated Metal, CuZn, gold-plated Contact-carrier material Plastic, PP, GY Plastic, PP, GY Grip body material Plastic, TPE, GY Plastic, TPE, GY Coupling nut material Stainless steel, V4A Stainless steel, V4A Sealing (female) material EPDM IEC 61076-2-104 IEC 61076-2-104 Standards IEC 61076-2-104 IEC 61076-2-104 IEC 61076-2-104 Degree of protection (mounted) IP65, IP67, IP68, IP69 IP65, IP67, IP68, IP69 IP65, IP67, IP68, IP69	Länge		on demand	
Technical dataA-sideB-sideConnectorfemale, angled, M8male, angled, M8Number of pins44Pin assignment1 BN, 2 WH, 3 BU, 4 BK1 BN, 2 WH, 3 BU, 4 BKRated voltage60V60VCurrent load (at 40°C)4A4AInsulation resistance≥10°Ω≥10°ΩAmbient temperature product-40°C+105°C-40°C+105°CContact materialMetal, CuZn, gold-platedMetal, CuZn, gold-platedContact-carrier materialPlastic, PP, GYPlastic, PP, GYGrip body materialPlastic, TPE, GYPlastic, TPE, GYCoupling nut materialStainless steel, V4AStainless steel, V4ASealing (female) materialEPDMIEC 61076-2-104IEC 61076-2-104Degree of protection (mounted)IP65, IP67, IP68, IP69IP65, IP67, IP68, IP69Pl65, IP67, IP68, IP69Mechanical life-cycle>100 mating cycles>100 mating cycles	Customs tariff-No.		85444290	
Connectorfemale, angled, M8male, angled, M8Number of pins44Pin assignment1 BN, 2 WH, 3 BU, 4 BK1 BN, 2 WH, 3 BU, 4 BKRated voltage60V60VCurrent load (at 40°C)4A4AInsulation resistance≥10°Ω≥10°ΩAmbient temperature product-40°C+105°C-40°C+105°CContact materialMetal, CuZn, gold-platedMetal, CuZn, gold-platedContact-carrier materialPlastic, PP, GYPlastic, PP, GYGrip body materialPlastic, TPE, GYPlastic, TPE, GYCoupling nut materialStainless steel, V4AStainless steel, V4ASealing (female) materialEPDMStandardsIEC 61076-2-104IEC 61076-2-104Degree of protection (mounted)IP65, IP67, IP68, IP69IP65, IP67, IP68, IP69Mechanical life-cycle>100 mating cycles>100 mating cycles	Step-File		FB-SWKPH4-L-FB-S	SWSPH4-S3930.stp
Number of pins44Pin assignment1 BN, 2 WH, 3 BU, 4 BK1 BN, 2 WH, 3 BU, 4 BKRated voltage60V60VCurrent load (at 40°C)4A4AInsulation resistance≥10°Ω≥10°ΩAmbient temperature product-40°C+105°C-40°C+105°CContact materialMetal, CuZn, gold-platedMetal, CuZn, gold-platedContact-carrier materialPlastic, PP, GYPlastic, PP, GYGrip body materialPlastic, TPE, GYPlastic, TPE, GYCoupling nut materialStainless steel, V4AStainless steel, V4ASealing (female) materialEPDMStandardsIEC 61076-2-104IEC 61076-2-104Degree of protection (mounted)IP65, IP67, IP68, IP69IP65, IP67, IP68, IP69Mechanical life-cycle>100 mating cycles>100 mating cycles	Technical data	A-side		B-side
Pin assignment1 BN, 2 WH, 3 BU, 4 BK1 BN, 2 WH, 3 BU, 4 BKRated voltage60V60VCurrent load (at 40°C)4A4AInsulation resistance≥10°Ω≥10°ΩAmbient temperature product-40°C+105°C-40°C+105°CContact materialMetal, CuZn, gold-platedMetal, CuZn, gold-platedContact-carrier materialPlastic, PP, GYPlastic, PP, GYGrip body materialPlastic, TPE, GYPlastic, TPE, GYCoupling nut materialStainless steel, V4AStainless steel, V4ASealing (female) materialEPDMStandardsIEC 61076-2-104IEC 61076-2-104Degree of protection (mounted)IP65, IP67, IP68, IP69IP65, IP67, IP68, IP69Mechanical life-cycle>100 mating cycles>100 mating cycles	Connector	female, angled, M8		male, angled, M8
Rated voltage60V60VCurrent load (at 40°C)4A4AInsulation resistance≥10°Ω≥10°ΩAmbient temperature product-40°C+105°C-40°C+105°CContact materialMetal, CuZn, gold-platedMetal, CuZn, gold-platedContact-carrier materialPlastic, PP, GYPlastic, PP, GYGrip body materialPlastic, TPE, GYPlastic, TPE, GYCoupling nut materialStainless steel, V4AStainless steel, V4ASealing (female) materialEPDMStandardsIEC 61076-2-104IEC 61076-2-104Degree of protection (mounted)IP65, IP67, IP68, IP69IP65, IP67, IP68, IP69Mechanical life-cycle>100 mating cycles>100 mating cycles	Number of pins	4		4
Current load (at 40°C)4A4AInsulation resistance≥10°Ω≥10°ΩAmbient temperature product-40°C+105°C-40°C+105°CContact materialMetal, CuZn, gold-platedMetal, CuZn, gold-platedContact-carrier materialPlastic, PP, GYPlastic, PP, GYGrip body materialPlastic, TPE, GYPlastic, TPE, GYCoupling nut materialStainless steel, V4AStainless steel, V4ASealing (female) materialEPDMStandardsIEC 61076-2-104IEC 61076-2-104Degree of protection (mounted)IP65, IP67, IP68, IP69IP65, IP67, IP68, IP69Mechanical life-cycle>100 mating cycles>100 mating cycles	Pin assignment	1 BN, 2 WH, 3 BU, 4 BK		1 BN, 2 WH, 3 BU, 4 BK
Insulation resistance≥10°Ω≥10°ΩAmbient temperature product-40°C+105°C-40°C+105°CContact materialMetal, CuZn, gold-platedMetal, CuZn, gold-platedContact-carrier materialPlastic, PP, GYPlastic, PP, GYGrip body materialPlastic, TPE, GYPlastic, TPE, GYCoupling nut materialStainless steel, V4AStainless steel, V4ASealing (female) materialEPDMStandardsIEC 61076-2-104IEC 61076-2-104Degree of protection (mounted)IP65, IP67, IP68, IP69IP65, IP67, IP68, IP69Mechanical life-cycle>100 mating cycles>100 mating cycles	Rated voltage	60V		60V
Ambient temperature product -40°C+105°C -40°C+105°C Contact material Metal, CuZn, gold-plated Metal, CuZn, gold-plated Contact-carrier material Plastic, PP, GY Plastic, PP, GY Grip body material Plastic, TPE, GY Plastic, TPE, GY Coupling nut material Stainless steel, V4A Stainless steel, V4A Sealing (female) material EPDM Standards IEC 61076-2-104 IEC 61076-2-104 Degree of protection (mounted) IP65, IP67, IP68, IP69 Mechanical life-cycle >100 mating cycles >100 mating cycles	Current load (at 40°C)	4A		4A
Contact material Metal, CuZn, gold-plated Metal, CuZn, gold-plated Contact-carrier material Plastic, PP, GY Plastic, PP, GY Grip body material Plastic, TPE, GY Plastic, TPE, GY Coupling nut material Stainless steel, V4A Sealing (female) material EPDM Standards IEC 61076-2-104 IEC 61076-2-104 Degree of protection (mounted) IP65, IP67, IP68, IP69 IP65, IP67, IP68, IP69 Mechanical life-cycle >100 mating cycles >100 mating cycles	Insulation resistance	≥108Ω		≥10°Ω
Contact-carrier material Plastic, PP, GY Plastic, PP, GY Grip body material Plastic, TPE, GY Plastic, TPE, GY Coupling nut material Stainless steel, V4A Stainless steel, V4A Sealing (female) material EPDM Standards IEC 61076-2-104 IEC 61076-2-104 Degree of protection (mounted) IP65, IP67, IP68, IP69 IP65, IP67, IP68, IP69 Mechanical life-cycle >100 mating cycles >100 mating cycles	Ambient temperature product	-40°C+105°C		-40°C+105°C
Grip body material Plastic, TPE, GY Plastic, TPE, GY Coupling nut material Stainless steel, V4A Stainless steel, V4A Sealing (female) material EPDM Standards IEC 61076-2-104 IEC 61076-2-104 Degree of protection (mounted) IP65, IP67, IP68, IP69 IP65, IP67, IP68, IP69 Mechanical life-cycle >100 mating cycles >100 mating cycles	Contact material	Metal, CuZn, gold-plated		Metal, CuZn, gold-plated
Coupling nut materialStainless steel, V4AStainless steel, V4ASealing (female) materialEPDMStandardsIEC 61076-2-104IEC 61076-2-104Degree of protection (mounted)IP65, IP67, IP68, IP69IP65, IP67, IP68, IP69Mechanical life-cycle>100 mating cycles>100 mating cycles	Contact-carrier material	Plastic, PP, GY		Plastic, PP, GY
Sealing (female) materialEPDMStandardsIEC 61076-2-104IEC 61076-2-104Degree of protection (mounted)IP65, IP67, IP68, IP69IP65, IP67, IP68, IP69Mechanical life-cycle>100 mating cycles>100 mating cycles	Grip body material	Plastic, TPE, GY		Plastic, TPE, GY
StandardsIEC 61076-2-104IEC 61076-2-104Degree of protection (mounted)IP65, IP67, IP68, IP69IP65, IP67, IP68, IP69Mechanical life-cycle>100 mating cycles>100 mating cycles	Coupling nut material	Stainless steel, V4A		Stainless steel, V4A
Degree of protection (mounted) IP65, IP67, IP68, IP69 Mechanical life-cycle >100 mating cycles >100 mating cycles	Sealing (female) material	EPDM		
Mechanical life-cycle >100 mating cycles >100 mating cycles	Standards	IEC 61076-2-104		IEC 61076-2-104
	Degree of protection (mounted)	IP65, IP67, IP68, IP69		IP65, IP67, IP68, IP69
Degree of pollution 3 3	Mechanical life-cycle	>100 mating cycles		>100 mating cycles
	Degree of pollution	3		3

FB-SWKPH4-m-FB-SWSPH4/P00



Cable web	PVC, P00, GY

PVC-cable for measurement and control-, and sensor technology. Suitable for applications in dry areas on packaging machines, assembly- and conveyor technology. High flexibility with unstressed movement (conditional drag-chain application possible). Predestined for applications in food- and beverage industry.

Outer diameter of jacket	4.20 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7040
Wire cross-section	4 x 0.25 mm ²
Wire insulation material	PVC
Wire colors	BN, WH, BU, BK
Wire structure	14 x 0.15 mm
Bending radius (fixed)	5 x Ø-cable
Bending radius (repeated)	10 x Ø-cable
Temperature range (repeated)	0°C+80°C
Temperature range (fixed)	-25°C+80°C
Rated voltage cable	≤300 V
Special features	good resistance against oils and chemicals, LABS free, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, seawater resistant, UV resistant

Classification		
eCl@ss 6.0	27279218	
eCl@ss 7.0	27279218	
eCl@ss 8.0	27279218	
eCl@ss 9.0	27060311	
ETIM 5.0	EC001855	
ETIM 6.0	EC001855	

Accessories

Mounting-set, M8

https://www.escha.net/en/products/standard/accessories-for-connectivity/8047663

Torque-wrench set

https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431

Marking rings Ø 9mm

https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=809