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### Sensor/Actuator cable - SAC-2P-SUSMS/ 1,5-PUR - 1410752

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Sensor/Actuator cable, 2-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Plug straight Superseal Clip locking, Cable length: 1.5 m



### Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 924405
GTIN	4046356924405

### Technical data

#### Dimensions

Length of cable	1.5 m
Ambient conditions	

Ambient temperature (operation)	-20 °C 85 °C (Superseal)
Degree of protection	IP67

#### General

Rated current at 40°C	8 A
Rated voltage	24 V
Number of positions	2
Insulation resistance	$\geq$ 100 M $\Omega$
Coding	A - standard
Status display	No
Protective circuit/component	Unwired

#### Material

Flammability rating according to UL 94	НВ
Contact material	CuZn
Contact carrier material	PA 66



### Sensor/Actuator cable - SAC-2P-SUSMS/ 1,5-PUR - 1410752

### Technical data

### Material

Material, knurls         not available           Sealing material         Silicon           Standards and Regulations         HB           Flammability raing according to UL 94         HB           Cable         PUR halogen-free black           Cable type (abbreviation)         PUR           Cable type (abbreviation)         PUR           Cable babreviation         LIPY1YY           U. AVM style         20549 / 10493 (80°C/300 V)           Conductor cross section         2x 0.75 mm² (Signal line)           AWG signal line         48           Conductor structure signal line         42x 0.15 mm           Core diameter including insulation         1.69 mm ±0.05 mm (Signal line)           Thickness, insulation         2.071 mm           Overall twist         2 wires, twisted           External sheath, color         black-gray RAL 7021           Outer sheath thickness         2.03 B mm           External cable diameter D         4.8 mm ±0.15 mm           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, fixed installation         10 x D           Number of bending cycles         4000000           Bending radius         48 mm           Acceleration         10 m/s*	Material of grip body	PA
Standards and Regulations           Flammability rating according to UL 94         HB           Cable         PUR halogen-free black           Cable type (abbreviation)         PUR halogen-free black           Cable type (abbreviation)         LBY11Y           UL AVM style         20549 / 10493 (80°C/300 V)           Conductor cross section         2x 0.75 mm² (Signal line)           AWG signal line         18           Conductor structure signal line         42x 0.15 mm           Core diameter including insulation         1.69 mm ±0.05 mm (Signal line)           Orer diameter including insulation         2.01 mm           Wire colors         brown, blue           Overall twist         2 wires, twisted           External sheath, color         black-gray RAL 7021           Outer sheath thickness         2.0.38 mm           External cable diameter D         4.8 mm ±0.15 mm           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, fixed installation         10 x D           Number of bending cycles         4000000           Bending radius         48 mm           Taversing rate         3 m/s           Acceleration         10 m           Taversing rate         3 m/s	Material, knurls	not available
Flammability rating according to UL 94         HB           Cable         PUR halogen-free black           Cable type (abbreviation)         PUR           Cable type (abbreviation)         PUR           Cable abbreviation         LGY11Y           UL AVM style         20649 / 10493 (80°C/300 V)           Conductor cross section         2x 0.75 mm² (Signal line)           AWG signal line         42x 0.15 mm           Conductor structure signal line         42x 0.15 mm           Core diameter including insulation         169 mm ±0.05 mm (Signal line)           Thickness, insulation         2.021 mm           Wire colors         brown, blue           Overall twist         2 wires, twisted           External sheath, color         black-gray RAL 7021           Outer sheath thickness         2.43 mm           External sheath, color         3.38 mm           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, fixed installation         10 x D           Number of bending cycles         4000000           Bending radius         43 mm           Taversing rate         3 m/s           Caceleration         10 m s²           Caceleration         10 m/s²           Cable weight<	Sealing material	Silicon
Flammability rating according to UL 94         HB           Cable         PUR halogen-free black           Cable type (abbreviation)         PUR           Cable type (abbreviation)         PUR           Cable abbreviation         LGY11Y           UL AVM style         20649 / 10493 (80°C/300 V)           Conductor cross section         2x 0.75 mm² (Signal line)           AWG signal line         42x 0.15 mm           Conductor structure signal line         42x 0.15 mm           Core diameter including insulation         169 mm ±0.05 mm (Signal line)           Thickness, insulation         2.021 mm           Wire colors         brown, blue           Overall twist         2 wires, twisted           External sheath, color         black-gray RAL 7021           Outer sheath thickness         2.43 mm           External sheath, color         3.38 mm           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, fixed installation         10 x D           Number of bending cycles         4000000           Bending radius         43 mm           Taversing rate         3 m/s           Caceleration         10 m s²           Caceleration         10 m/s²           Cable weight<	Standards and Regulations	
Cable type         PUR halogen-free black           Cable type (abbreviation)         PUR           Cable babreviation         Li9Y11Y           UL AWM style         20549 / 10433 (80°/300 V)           Conductor rorse section         2x 0.75 mm? (Signal line)           AWG signal line         2x 0.75 mm? (Signal line)           Conductor structure signal line         42x 0.15 mm           Conductor structure signal line         2x 0.15 mm           Core diameter including insulation         1.69 mm ± 0.05 mm (Signal line)           Thickness, insulation         2.021 mm           Wire colors         bown, blue           Outer sheath thickness         2.038 mm           External sheath, color         48 mm ± 0.5 mm           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, fixed installation         5 x D           Number of bending cycles         48 mm           Bending radius         48 mm           Acceleration         10 m.           Traversing rate         3 m/s           Acceleration         10 m/s           Cable weight         Outer sheath, material           Outer sheath, material         PUR           Material conductor insulation         2 GO/km (at 20 °C)		НВ
Cable type         PUR halogen-free black           Cable type (abbreviation)         PUR           Cable babreviation         Li9Y11Y           UL AWM style         20549 / 10433 (80°/300 V)           Conductor rorse section         2x 0.75 mm? (Signal line)           AWG signal line         2x 0.75 mm? (Signal line)           Conductor structure signal line         42x 0.15 mm           Conductor structure signal line         2x 0.15 mm           Core diameter including insulation         1.69 mm ± 0.05 mm (Signal line)           Thickness, insulation         2.021 mm           Wire colors         bown, blue           Outer sheath thickness         2.038 mm           External sheath, color         48 mm ± 0.5 mm           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, fixed installation         5 x D           Number of bending cycles         48 mm           Bending radius         48 mm           Acceleration         10 m.           Traversing rate         3 m/s           Acceleration         10 m/s           Cable weight         Outer sheath, material           Outer sheath, material         PUR           Material conductor insulation         2 GO/km (at 20 °C)	Cable	
Cable type (abbreviation)         PUR           Cable type (abbreviation)         LI9V11Y           UL AWM style         20549 / 10493 (80°C/300 V)           Conductor cross section         2x 0.75 mm² (Signal line)           AWG signal line         18           Conductor structure signal line         42x 0.15 mm           Core diameter including insulation         1.69 mm 4.05 mm (Signal line)           Thickness, insulation         2 0.21 mm           Wire colors         brown, blue           Overall twist         2 wires, twisted           External sheath, color         black-gray RAL 7021           Outer sheath thickness         2 0.38 mm           External sheath, color         4.8 mm ±0.15 mm           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, fixed installation         10 x D           Number of bending cycles         4000000           Bending radius         48 mm           Traversing path         10 m           Traversing rate         3 kg/km           Coluctor insulation         9 LPG           Conductor insulation         9 LPG           Conductor insulation         2 0.01 Ym (at 20 °C)           Conductor insulation         2 0.02 Ym (at 20 °C) <t< td=""><td></td><td>PLIP balagen-free black</td></t<>		PLIP balagen-free black
Cable abbreviation         Li9Y11Y           UL AWM style         20549 / 10493 (80°C/300 V)           Conductor cross section         2x 0.75 mm² (Signal line)           AWG signal line         18           Conductor structure signal line         42x 0.15 mm           Core diameter including insulation         1.69 mm ±0.05 mm (Signal line)           Thickness, insulation         2.021 mm           Wire colors         brown, blue           Overall twist         2 wires, twisted           External sheath, color         black-gray FAL 7021           Outer sheath thickness         2 0.38 mm           External sheath color         4.8 mm ±0.15 mm           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, fixed installation         10 x D           Number of bending cycles         4000000           Bending radius         48 mm           Traversing rate         3 m/s           Acceleration         10 m/s <sup>2</sup> Cable weight         3 kg/km           Outer sheath, material         PP           Conductor resistance         260 /// C)           Conductor resistance         260 /// C)           Conductor resistance         260 /// C)           Norinal voltage,		
UL AWM style         20549 / 10493 (80°C/300 V)           Conductor cross section         2x 0.75 mm² (Signal line)           AWG signal line         18           Conductor structure signal line         42x 0.15 mm           Core diameter including insulation         169 mm 20.05 mm (Signal line)           Thickness, insulation         2.021 mm           Orerall twist         2 wires, bisted           Overall twist         2 wires, bisted           External sheath, color         0.38 mm           Outer sheath thickness         0.38 mm           External cable diameter D         4.8 mm ±0.15 mm           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, fixed installation         10 xD           Number of bending cycles         48 mm           Acceleration         10 m/s²           Cable weight         3 m/s           Acceleration         10 m/s²           Cuductor material         PP           Conductor insulation         21 G0°tm (at 20 °C)           Conductor resistance         26 00 VAC           Cable weight         3 ands           Outer sheath material         PP           Conductor insulation resistance         26 00 VAC           Conductor resistance<		
Conductor cross section         2x 0.75 mm² (Signal line)           AWG signal line         18           Conductor structure signal line         42x 0.15 mm           Core diameter including insulation         1.69 mm ±0.05 mm (Signal line)           Thickness, insulation         2.021 mm           Wire colors         brown, blue           Overall twist         2 wires, twisted           External sheath, color         black-gray RAL 7021           Outer sheath thickness         ≥ 0.38 mm           External cable diameter D         4.8 mm ±0.15 mm           Minimu bending radius, fixed installation         10 x D           Number of bending cycles         4000000           Bending radius, fixed installation         10 m           Traversing rath         10 m           Traversing rath         3 m/s           Acceleration         10 m/s²           Conductor material         PP           Conductor material         Bare Cu litz wires           Insulation resistance         2 300 V AC           Conductor resistance         2 3000 V AC (Spark test)           Special properties         flexible conduit capable           Flame resistance         2 3000 V AC (Spark test)		
AWG signal line         18           Conductor structure signal line         42x 0.15 mm           Core diameter including insulation         1.68 mm ±0.05 mm (Signal line)           Thickness, insulation         ≥ 0.21 mm           Wire colors         brown, blue           Overall twist         ≥ 0.21 mm           Uire colors         black-gray RAL 7021           Outer sheath, color         black-gray RAL 7021           Outer sheath thickness         ≥ 0.38 mm           External sheath, color         4.8 mm ±0.15 mm           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, fixed installation         10 x D           Number of bending cycles         4000000           Bending radius         48 mm           Traversing rate         3 m/s           Acceleration         10 m/s <sup>a</sup> Cable weight         33 kg/km           Outer instalation         PUR           Conductor insulation         21 GO <sup>a</sup> km (at 20 °C)           Conductor insulation         21 GO <sup>a</sup> km (at 20 °C)           Conductor resistance         2 60 k/km (at 20 °C)           Conductor resistance         2 3000 V AC           Test voltage, cable         3000 V AC           Special properties		
Conductor structure signal line         42x 0.15 mm           Core diameter including insulation         1.69 mm ±0.05 mm (Signal line)           Thickness, insulation         ≥ 0.21 mm           Wire colors         brown, blue           Overall twist         2 wires, twisted           External sheath, color         black-gray RAL 7021           Outer sheath thickness         > 0.38 mm           External cable diameter D         4.8 mm ±0.15 mm           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, fixed installation         10 x D           Number of bending cycles         48 mm           Bending radius         fixed installation           Traversing path         10 m           Traversing rate         3 m/s           Acceleration         10 m/s <sup>4</sup> Conductor material         PUR           Material conductor insulation         PUR           Material conductor insulation         ≥ 1 GΩ <sup>4</sup> km (at 20 °C)           Conductor material         Saro YC           Insulation resistance         ≥ 200 VAC (Spark test)           Special properties         5 x00 VAC           Traversing rate         ≤ 300 VAC           Special properties         Fiexible cable conduit capable		
Core diameter including insulation1.69 mm ±0.05 mm (Signal line)Thickness, insulation> 0.21 mmWire colorsbrown, blueOverall twist2 wires, twistedExternal sheath, colorblack-gray RAL 7021Outer sheath thickness> 0.38 mmExternal cable diameter D4.8 mm ±0.15 mmMinimum bending radius, fixed installation5 x DMinimum bending radius, fixed installation10 x DNumber of bending cycles4000000Bending radius10 mTraversing rath10 mTraversing rath3 m/sAcceleration10 m/s²Cable weight33 kg/kmOuter sheath, materialPURMetrial conductor insulation> 1.60°km (at 20 °C)Conductor resistance> 260 /km (at 20 °C)Nomial voltage, cable> 3000 VACTest voltage, cable> 3000 VACFestible cable instalation> 1.0 m/s²Conductor resistance> 260 /km (at 20 °C)Rominario> 2000 VACFestible cable conduit capableFlaxine existanceFame resistance> 3000 VAC (Spark test))Special propertiesFlexible cable conduit capableFlame resistanceaccording to UL 758/1581 (horizontal)Flame resistanceaccording to UL 758/1581 [horizontal)		
Thickness, insulation         ≥ 0.21 mm           Wire colors         brown, blue           Overall twist         2 wires, twisted           External sheath, color         black-gray RAL 7021           Outer sheath thickness         ≥ 0.38 mm           External cable diameter D         4.8 mm ±0.15 mm           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, flexible installation         10 x D           Number of bending cycles         400000           Bending radius         48 mm           Traversing path         10 m           Traversing rate         31 kg/km           Outer sheath, material         PUR           Material conductor insulation         PP           Conductor material         Bare Cu litz wires           Insulation resistance         2 6 0/km (at 20 °C)           Conductor resistance         2 6 0/km (at 20 °C)           Conductor resistance         2 6 0/km (at 20 °C)           Special properties         5 x00 V AC           Test voltage, cable         2 300 V AC           Test voltage, cable         2 300 V AC           Special properties         fexible cable conduit capable           Flame resistance         according to UL 758/1581 (horizontal)  <		
Wire colors         brown, blue           Overall twist         2 wires, twisted           External sheath, color         black-gray RAL 7021           Outer sheath thickness         > 0.38 mm           External cable diameter D         4.8 mm ±0.15 mm           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, fixed installation         10 x D           Number of bending cycles         4000000           Bending radius         48 mm           Traversing path         10 m           Traversing rate         3 m/s           Acceleration         10 m/s²           Cable weight         33 kg/km           Outer sheath, material         PUR           Material conductor insulation         > 1 GΩ'km (at 20 °C)           Conductor material         2 G Ω/km (at 20 °C)           Nominal voltage, cable         > 300 V AC           Secial properties         5 300 V AC           Fext Voltage, cable         > 300 V AC (Spark test)           Special properties         Fexible cable conduit capable           Flame resistance         according to UL 758/1581 FT2	-	
Overall twist         2 wires, twisted           External sheath, color         black-gray RAL 7021           Outer sheath thickness         ≥ 0.38 mm           External cable diameter D         4.8 mm ±0.15 mm           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, fixed installation         10 x D           Number of bending cycles         4000000           Bending radius         48 mm           Traversing path         10 m           Traversing rate         3 m/s           Acceleration         10 m/s²           Cable weight         33 kg/km           Outer sheath, material         PUR           Material conductor insulation         ≥ 1 GΩ°km (at 20 °C)           Conductor material         S 200 V AC           Insulation resistance         ≥ 3000 V AC (Spark test)           Special properties         fexible           Special properties         fexible           Flame resistance         according to U. 758/1581 FT2		
External sheath, colorblack-gray RAL 7021Outer sheath thickness≥ 0.38 mmExternal cable diameter D4.8 mm ±0.15 mmMinimum bending radius, fixed installation5 x DMinimum bending radius, fixed installation10 x DNumber of bending cycles4000000Bending radius48 mmTraversing path10 mTraversing rate3 m/sAcceleration10 m/s²Cable weight33 kg/kmOuter sheath, materialPURMaterial conductor insulationPPConductor resistance≥ 16 Qr km (at 20 °C)Conductor resistance≤ 26 Ω/km (at 20 °C)Conductor resistance≤ 300 V ACTest voltage, cable≤ 3000 V AC (Spark test)Special propertiesfixelible cable conduit capableFlame resistanceExistie carding to UT 758/1581 (horizontal)Flame resistancein accordiance with UL 758/1581 FT2		
Outer sheath thickness         ≥ 0.38 mm           External cable diameter D         4.8 mm ±0.15 mm           Minimum bending radius, fixed installation         5 x D           Minimum bending radius, flexible installation         10 x D           Number of bending cycles         4000000           Bending radius         48 mm           Traversing path         10 m           Traversing rate         3 m/s           Acceleration         10 m/s²           Cable weight         33 kg/km           Outer sheath, material         PUR           Metrial conductor insulation         PP           Conductor material         Bare Cu litz wires           Insulation resistance         ≤ 1 GΩ*km (at 20 °C)           Conductor resistance         ≤ 300 V AC           Test voltage, cable         ≤ 3000 V AC           Test voltage, cable         ≤ 3000 V AC (Spark test)           Special properties         flexible           Flame resistance         according to UL 758/1581 (horizontal)           Flame resistance         according to UL 758/1581 (Fri2		
External cable diameter D4.8 mm ±0.15 mmMinimum bending radius, fixed installation5 x DMinimum bending radius, flexible installation10 x DNumber of bending cycles4000000Bending radius48 mmTraversing path10 mTraversing rate3 m/sAcceleration10 m/s²Cable weight33 kg/kmOuter sheath, materialPURMaterial conductor insulationPPConductor materialBare Cu litz wiresInsulation resistance≥ 1 GΩ*km (at 20 °C)Conductor resistance≤ 300 V ACTest voltage, cable≥ 3000 V AC (Spark test)Special propertiesflexibleFlame resistanceFlexible cable conduit capableFlame resistanceaccording to UL 758/1581 (horizontal)Flame resistancein accordance with UL 758/1581 FT2		
Minimum bending radius, fixed installation5 x DMinimum bending radius, flexible installation10 x DNumber of bending cycles4000000Bending radius48 mmTraversing path10 mTraversing rate3 m/sAcceleration10 m/s²Cable weight33 kg/kmOuter sheath, materialPURMaterial conductor insulationPPConductor materialBare Cu litz wiresInsulation resistance≤ 26 Ω/km (at 20 °C)Conductor resistance≤ 300 V ACTest voltage, cable≤ 3000 V AC (Spark test)Special propertiesflexibleFlame resistanceElexible cable conduit capableFlame resistanceaccording to UL 758/1581 (horizontal)in accordance with UL 758/1581 FT2in accordance with UL 758/1581 FT2		
Minimum bending radius, flexible installation10 x DNumber of bending cycles400000Bending radius48 mmTraversing path10 mTraversing rate3 m/sAcceleration10 m/s²Cable weight33 kg/kmOuter sheath, materialPURMaterial conductor insulation2 a G0*km (at 20 °C)Conductor resistance2 300 V ACTest voltage, cable300 V ACSpecial propertiesfexibleFlame resistance2 coording to UL758/1581 (horizontal)Flame resistanceaccording to UL758/1581 FT2		
Number of bending cycles400000Bending radius48 mmTraversing path10 mTraversing rate3 m/sAcceleration10 m/s²Cable weight33 kg/kmOuter sheath, materialPURMaterial conductor insulationPPConductor materialBare Cu litz wiresInsulation resistance> 2 6 Ω/km (at 20 °C)Conductor resistance> 2000 V AC (Spark test)Special propertiesfexibleFlame resistance> 2000 V AC (Spark test)Flame resistanceaccording to UL 758/1581 (horizontal)InsulationFlexible cable conduit capableInsulationFlexible cable conduit capableInsulation resistanceaccording to UL 758/1581 (FT2	-	
Bending radius48 mmTraversing path10 mTraversing rate3 m/sAcceleration10 m/s²Cable weight33 kg/kmOuter sheath, materialPURMaterial conductor insulationPPConductor materialBare Cu litz wiresInsulation resistance> 1 GΩ*km (at 20 °C)Conductor resistance≤ 300 V ACTest voltage, cable≤ 300 V AC (Spark test)Special propertiesfexibleFlame resistance2 cording to UL 758/1581 (horizontal)Insulationin accordance with UL 758/1581 FT2		
Traversing path10 mTraversing rate3 m/sAcceleration10 m/s²Cable weight33 kg/kmOuter sheath, materialPURMaterial conductor insulationPPConductor materialBare Cu litz wiresInsulation resistance> 1 GΩ*km (at 20 °C)Conductor resistance< 300 V ACNominal voltage, cable< 3000 V AC (Spark test)Special propertiesflexibleFlame resistanceRexible cable conduit capableFlame resistanceaccording to UL 758/1581 (horizontal)Insulation resistancein accordance with UL 758/1581 FT2		
Traversing rate3 m/sAcceleration10 m/s²Cable weight33 kg/kmOuter sheath, materialPURMaterial conductor insulationPPConductor materialBare Cu litz wiresInsulation resistance≥ 1 GΩ*km (at 20 °C)Conductor resistance≤ 26 Ω/km (at 20 °C)Nominal voltage, cable≤ 300 V ACTest voltage, cable≥ 3000 V AC (Spark test)Special propertiesflexibleFlame resistanceSite Culit Zise Conduit capableFlame resistancein according to UL 758/1581 (horizontal)Flame resistancein accordance with UL 758/1581 FT2	-	
Acceleration10 m/s²Cable weight33 kg/kmOuter sheath, materialPURMaterial conductor insulationPPConductor materialBare Cu litz wiresInsulation resistance≥ 1 GΩ*km (at 20 °C)Conductor resistance≤ 26 Ω/km (at 20 °C)Nominal voltage, cable≤ 300 V ACTest voltage, cable≥ 3000 V AC (Spark test)Special propertiesflexibleFlame resistanceaccording to UL 758/1581 (horizontal)Inacordance with UL 758/1581 FT2	Traversing path	10 m
Cable weight       33 kg/km         Outer sheath, material       PUR         Material conductor insulation       PP         Conductor material       Bare Cu litz wires         Insulation resistance       ≥ 1 GΩ*km (at 20 °C)         Conductor resistance       ≤ 26 Ω/km (at 20 °C)         Nominal voltage, cable       ≤ 300 V AC         Test voltage, cable       ≥ 3000 V AC (Spark test)         Special properties       flexible         Flame resistance       according to UL 758/1581 (horizontal)         Flame resistance       in accordance with UL 758/1581 FT2	Traversing rate	
Outer sheath, material       PUR         Material conductor insulation       PP         Conductor material       Bare Cu litz wires         Insulation resistance       ≥ 1 GΩ*km (at 20 °C)         Conductor resistance       ≤ 26 Ω/km (at 20 °C)         Nominal voltage, cable       ≤ 300 V AC         Test voltage, cable       ≤ 3000 V AC (Spark test)         Special properties       flexible         Flame resistance       according to UL 758/1581 (horizontal)         Flame resistance       in accordance with UL 758/1581 FT2	Acceleration	
Material conductor insulation       PP         Conductor material       Bare Cu litz wires         Insulation resistance       ≥ 1 GΩ*km (at 20 °C)         Conductor resistance       ≤ 26 Ω/km (at 20 °C)         Nominal voltage, cable       ≤ 300 V AC         Test voltage, cable       ≥ 3000 V AC (Spark test)         Special properties       flexible         Flame resistance       according to UL 758/1581 (horizontal)         Flame resistance       in accordance with UL 758/1581 FT2	Cable weight	33 kg/km
Conductor materialBare Cu litz wiresInsulation resistance≥ 1 GΩ*km (at 20 °C)Conductor resistance≤ 26 Ω/km (at 20 °C)Nominal voltage, cable≤ 300 V ACTest voltage, cable≥ 3000 V AC (Spark test)Special propertiesflexibleFlame resistance≥ cording to UL 758/1581 (horizontal)Insulation resistancein accordance with UL 758/1581 FT2	Outer sheath, material	PUR
Insulation resistance       ≥ 1 GΩ*km (at 20 °C)         Conductor resistance       ≤ 26 Ω/km (at 20 °C)         Nominal voltage, cable       ≤ 300 V AC         Test voltage, cable       ≥ 3000 V AC (Spark test)         Special properties       flexible         Flame resistance       according to UL 758/1581 (horizontal)         Flame resistance       in accordance with UL 758/1581 FT2	Material conductor insulation	PP
Conductor resistance       ≤ 26 Ω/km (at 20 °C)         Nominal voltage, cable       ≤ 300 V AC         Test voltage, cable       ≥ 3000 V AC (Spark test)         Special properties       flexible         Flame resistance       according to UL 758/1581 (horizontal)         in accordance with UL 758/1581 FT2	Conductor material	Bare Cu litz wires
Nominal voltage, cable       ≤ 300 V AC         Test voltage, cable       ≥ 3000 V AC (Spark test)         Special properties       flexible         Flame resistance       according to UL 758/1581 (horizontal)         in accordance with UL 758/1581 FT2	Insulation resistance	
Test voltage, cable       ≥ 3000 V AC (Spark test)         Special properties       flexible         Flexible cable conduit capable       Flexible cable conduit capable         Flame resistance       according to UL 758/1581 (horizontal)         in accordance with UL 758/1581 FT2	Conductor resistance	$\leq$ 26 $\Omega$ /km (at 20 °C)
Special properties     flexible       Special properties     flexible       Flame resistance     according to UL 758/1581 (horizontal)       In accordance with UL 758/1581 FT2	Nominal voltage, cable	≤ 300 V AC
Flexible cable conduit capable       Flame resistance     according to UL 758/1581 (horizontal)       in accordance with UL 758/1581 FT2	Test voltage, cable	≥ 3000 V AC (Spark test)
Flame resistance       according to UL 758/1581 (horizontal)         in accordance with UL 758/1581 FT2	Special properties	flexible
in accordance with UL 758/1581 FT2		Flexible cable conduit capable
	Flame resistance	according to UL 758/1581 (horizontal)
according to DIN EN 60332-2-2		in accordance with UL 758/1581 FT2
		according to DIN EN 60332-2-2



### Sensor/Actuator cable - SAC-2P-SUSMS/ 1,5-PUR - 1410752

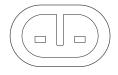
### Technical data

### Cable

Halogen-free	in accordance with DIN VDE 0472 part 815
	in accordance with DIN EN 50267-2-1
Resistance to oil	According to DIN EN 60811-2-1, 168 h at 100°C
	According to UL 758, 168 h at 60°C
Other resistance	hydrolysis and microbe resistant
	partly UV-resistant in accordance with DIN EN ISO 4892-2-A
	Low adhesion
	abrasion-resistant
Ambient temperature (operation)	-40 °C 80 °C (cable, fixed installation)
	-25 °C 80 °C (cable, flexible installation)

### Drawings

### Schematic diagram



Cable cross section



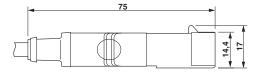
PUR halogen-free black [PUR]

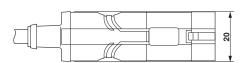




Contact assignment of the super seal plug

Dimensional drawing





Superseal, plug, view from above and side

Super seal plug pin assignment, 2-pos.



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