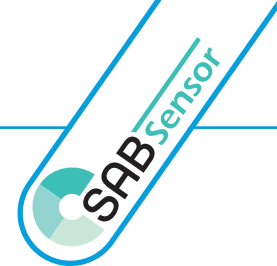


Data & Sensor Cables

S 355

PUR sensor cable, reticulated by irradiation



Marking for S 355 03559037:

SAB BRÖCKSKES · D-VIERSEN · Li9Y11Y 03559037 AWM Style 21198 80°C 300V CE

Construction:

Conductor:	bare copper strands, fine wires
Insulation:	TPE, thermoplastic material on basis of TPE-E 03559037: PP
Insulation:	TPE, thermoplastic material on basis of TPE-E
Color code:	3 cores 22 AWG: brown, black, blue 4 cores 22 AWG: white, blue, black, brown 20 AWG: green/yellow
Stranding:	specially adjusted layering
Wrapping:	non-woven tape
Jacket material:	PUR, reticulated by irradiation
Jacket color:	orange or black

Outstanding features:



- flexible installation
- reticulated by irradiation
- high abrasion resistance
- halogen-free
- free from paint wetting impairment substances (PWIS-free)
- suitable for cable tracks

Technical data:

Peak operating voltage:	max. 350 V (AC) 03559037: max. 300 V	
Voltage UL:	03559037: 300 V	
Test Voltage:	conductor/conductor: 2000 V	
Min. bending radius:	03559037:	
<i>fixed installation:</i>	5 x O.D.	5 x O.D.
<i>free movement:</i>	7.5 x O.D.	10 x O.D.
Capacitance:	see page O/9	
Radiation resistance:	8 x 10 ⁷ cJ/kg	
Temperature range:	03559037:	
<i>static:</i>	-50/+105°C	-50/+90°C
<i>flexible:</i>	-40/+105°C	-50/+90°C
Oil resistance:	very good - TMPU acc. to DIN VDE 0282 part 10 + HD 22.10	
Chemical resistance:	good against acids, alkalines, solvents, hydraulic liquids etc.	
Approvals:	UL AWM, CE, RoHS	
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30	

item no.	no. of conductors	nominal cross section AWG	jacket color	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈lbs/mft	ohmic resistance at 20°C max. Ω/km
▶ 03559026	4	22	orange	0.189	4.8 ± 0.2	21	56
▶ 03559025	3	22	orange	0.189	4.8 ± 0.2	19	56
▶ 03559027	4	22	orange	0.205	5.2 ± 0.2	27	56
▶ 03559027	1	20					38
▶ 03559037	4	22	black	0.193	4.9 ± 0.2	22	56

Other dimensions and colors are available on request