

USB 2.0 Robot Cable

SAB Bröckskes is a leading manufacturer of cables, thermocouples and cable harnessing worldwide. Our strength is not only the production of standard products but also the development and manufacturing of special products acc. to customers' specifications. Every year we manufacture more than 1500 special products on our customers' request.

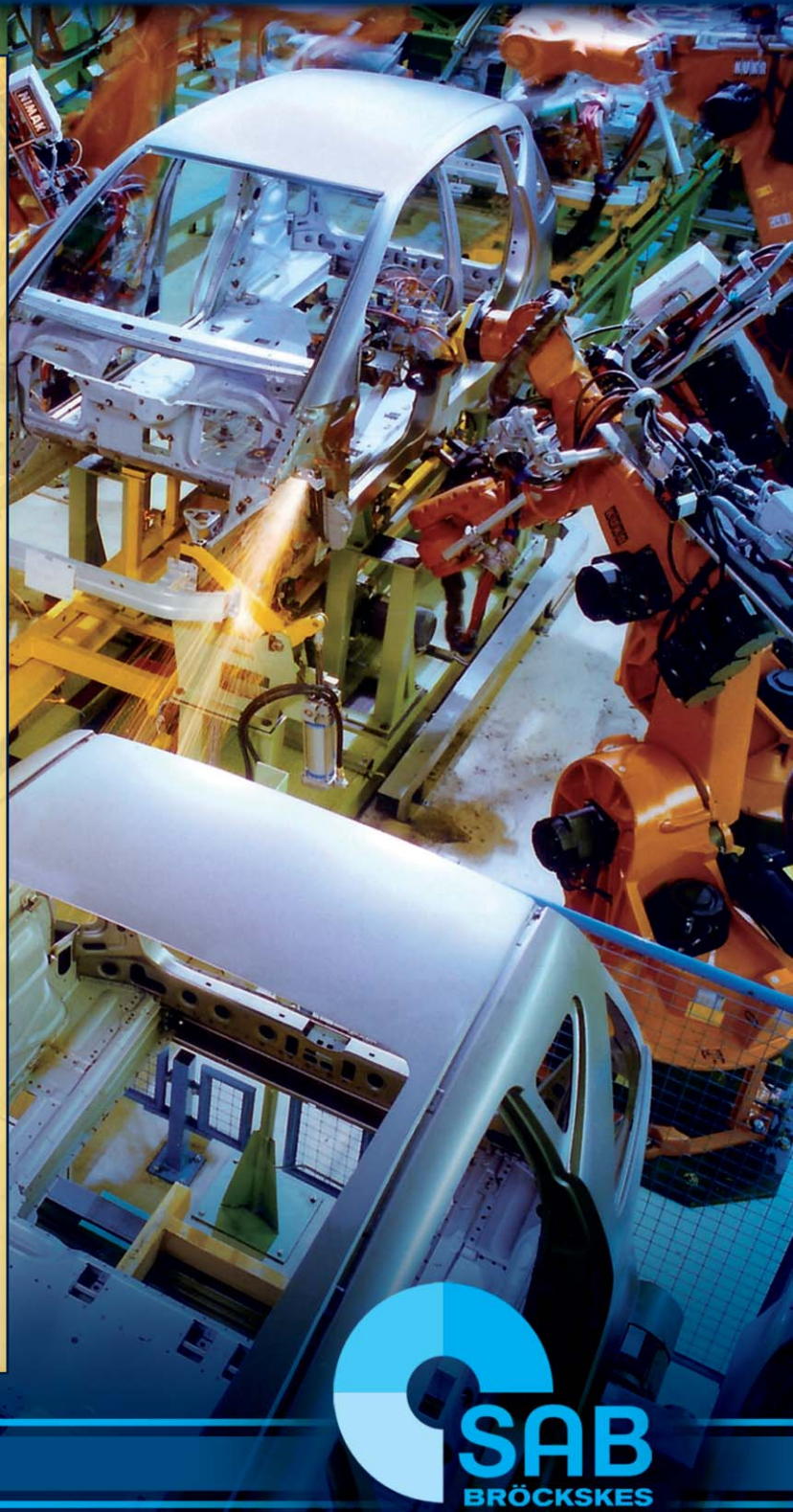
Application range:

The robot cable USB 2.0 was developed for high frequency data transmission in industry.

In the automobile industry intelligent image processing systems are very important. They are the key to more efficiency, precision and productivity with the installation and treatment by robots for the most different applications.

Whether for the identification of parts and components, for visual inspection, welded seam control or for the collection of bar codes or type tests; wherever a quick and reliable collection and transmission of data from the camera to the industrial PC are absolutely important.

Our highly flexible robot cable USB 2.0 was especially developed for this application. It guarantees excellent transmission characteristics as it is demanded for intelligent image processing with a transmission distance of up to 10 m without amplifier under extreme industrial application conditions.



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Item no.: 0601-2022 (2 x 0,22 mm²) ST + 2 x 0,50 mm²

Technical data:

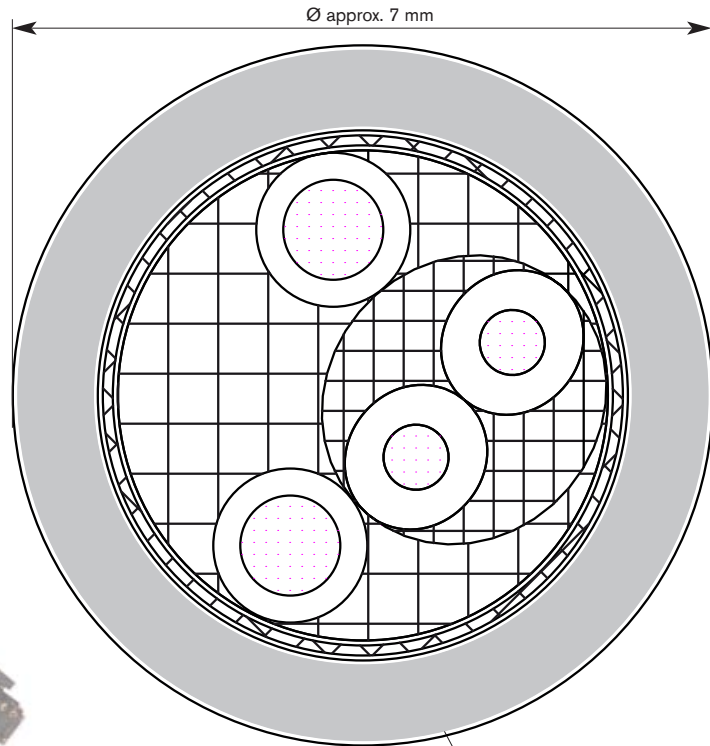
Peak operating voltage VDE:	max. 350 V	
Voltage UL/CSA:	300 V	
Testing voltage:	2000 V	
Min. bending radius		
fixed laying:	5 x d	
flexible application:	7,5 x d	
continuously flexible:	10 x d	
torsion angle:	up to $\pm 180^\circ/m$	
Temperature range	DIN VDE	UL/CSA: up to +80°C
fixed laying:	-50/+90°C	
flexible application:	-40/+90°C	
Oil resistance:	TMPU acc. to DIN VDE 0282 part 10 + HD 22.10	
Absence of harmful substances:	acc. to RoHS directive of the European Union	



Further technical information on request.

conductors 0,22 mm²,
silver-plated copper strands,
insulation SABIX® in white and green

conductors 0,50 mm²,
bare copper strands,
insulation SABIX® in red and black



jacket - PUR
colour black



transmission length
up to 10m!