



2013 **2mm SAFETY SYSTEM**
IEC 61010-031:2008

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SKS T&M catalogue
No 5-01000-004-2008



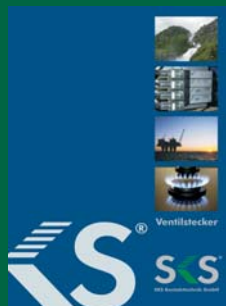
AS-Interface
No 5-010000-002-2008



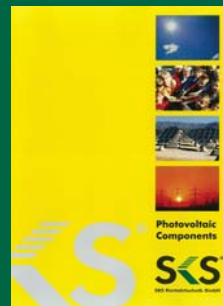
SKS pin header
No 5-01000-008-2008



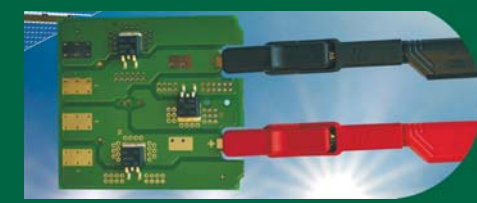
SKS stainless steel
No 5-01000-008-2008



SKS valve connector
No 5-01000-001-2010



SKS Photovoltaic
No 5-01000-001-2011



2 mm safety system



Product description	KLEPS 1600	PRUEF 1610 FT Au / PRUEF 1600 Au
description	Safety clamp-type test probe with rotating grip jaws and flexible shaft. Wires and pins with up to a maximum diameter of 4mm can be clamped thanks to the special form of the grip jaws. 4mm diameter brass socket connection.	Safety test probe with shatter-proof insulated sleeve and slender stainless steel tip. 2mm diameter gold-plated brass socket connection, stackable with MVL S WS. Insulation and oxide layers can be penetrated by this test probe.
housing color / article-no.	<ul style="list-style-type: none"> ● 975 106-100 ● 975 106-101 	<p>PRUEF 1610 FT Au - spring-loaded tip</p> <ul style="list-style-type: none"> ● 975 018-700 ● 975 018-701 <p>PRUEF 1600 Au - not spring-loaded tip</p> <ul style="list-style-type: none"> ● 975 017-700 ● 975 017-701
drawing		
Technical data		
type of contact		spring-loaded / not spring-loaded tip
type of termination	unsprung socket Ø 2 mm	unsprung socket Ø 2 mm
rated voltage	AC/DC 1000V	AC/DC 1000V
measurement categ. (IEC61010)	CAT III	PRUEF 1610 - CAT II, PRUEF 1600 - CAT III
rated current (Please consider derating curve)	3 A	10 A
contact resistance	50 mOhm	20 mOhm
Material		
contact material	grip jaw: spring steel, socket: brass	tip: stainless steel, socket: brass
contact surface material	grip jaw: nickel, socket: gold	tip - PRUEF 1610: rhodium, PRUEF 1600: nickel socket: gold
housing material	PA	PA
Environmental conditions		
temperature range	-25°C to +70°C	-25°C to +70°C
Inflamability class		
housing (basic material)	UL 94 V-2	UL 94 V-2

2 mm safety system



MVL S WS	MST S WS 30 Au	MSEB 2600 G M3 / 2610 F2.8 / 2630 S1.9
Safety test lead, 2mm safety plugs on both sides and sockets for onward connection capability. Highly flexible, double insulated stranded lead and shatter-proof grip sleeves. Built-in color indicator for easy identification of insulation damages.	Safety stackable plug with solder connection for leads from 0.5mm ² to 1mm ² , outer Ø of lead max. 2.9mm. Spring-loaded plug and unsprung 2mm socket for onward connection capability. Simple assembly by „Click-System“.	Miniature safety built-in socket, Ø 2mm, gold-plated brass. For installation in switch panels and equipment chassis till 8mm wall thickness. Installation hole: 8mmØ. MSEB 2600 G M3 - with M3 thread / solder connection MSEB 2610 F2.8 - with tab 2.8 x 0,8 MSEB 2630 S1.9 - with solder pin 1.9mm
article-no. 25 cm: 975694-* article-no. 50 cm: 975695-* article-no. 100 cm: 975696-* article-no. 200 cm: 975698-*	975090 - *	article-no. MSEB 2600 G M3: 975454 - * article-no. MSEB 2610 F2.8: 975455 - * article-no. MSEB 2630 S1.9: 975459 - *
housing color *:		
<ul style="list-style-type: none"> ● 700 ● 701 ● 702 ● 703 ● 704 ● 705 ● 706 ● 707 ● 709 		
spring-loaded pin	spring-loaded pin	unsprung socket (Ø 2 mm)
AC/DC 1000V	AC/DC 1000V	AC/DC 1000V
CAT III	CAT III	CAT III
10 A	10 A	10 A
depends on cable length	2 mOhm	5 mOhm
contact spring: copper-beryllium contact pin: brass	contact spring: copper-beryllium contact pin: brass	brass
gold	gold	gold
PA	PA	PA
-15°C to +70°C	-15°C to +70°C	-15°C to +70°C
UL 94 V-2	UL 94 V-2	UL 94 V-2