

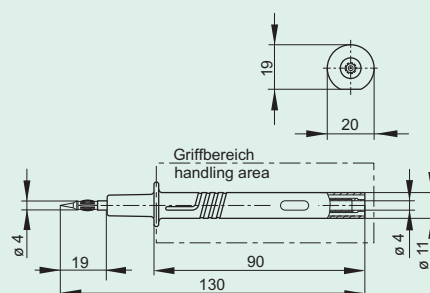
datasheet for MMS 2010
article number: 972339001

product description:	
order number: 972 339-001	
description:	Test equipment set for safety applications, as accessories for measuring instruments. - KLEPS 2800 Safety clamp type test probe with wide opening grip claws for contacting large measuring areas and leads with large cross-sections, clamping range up to Ø 10 mm. - PRUEF 2700 Safety test probe with dual function. Tip for penetrating of insulation and oxide layers and 4 mm pin for connecting with 4 mm sockets. - MLS WG 100/1 Safety measuring lead with 4 mm plugs on both sides, one straight and one angled outlet. (length: 100 cm) Please find further technical details on individual product data sheets.
typ:	MMS 2010
system:	4mm safety system
order number:	972 339-001
scope of delivery	
scope of delivery:	1 x clamp-type test probe KLEPS 2800 black (972 308-100) 1 x clamp-type test probe KLEPS 2800 red (972 308-101) 1 x test probe PRUEF 2700 black (972 319-100) 1 x test probe PRUEF 2700 red (972 319-101) 1 x measuring lead MLS WG 100/1 black (934 082-100) 1 x measuring lead MLS WG 100/1 red (934 082-101)

Prüfspitzen / test probes

PRUEF 2700

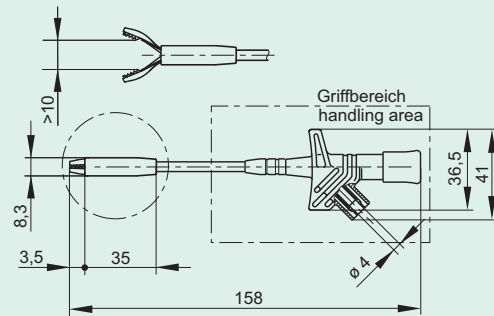


Produktbeschreibung	Product description		
Beschreibung	Description	Sicherheits-Prüfspitze mit Doppelfunktion. Spitze zum Durchstoßen von Isolier- und Oxidschichten und 4 mm Durchmesser Stift zum Einstecken in Buchsen. 4 mm Durchmesser Buchsensteckanschluss aus Messing. Steckbar mit Sicherheits-Messleitungen.	Safety test probe with dual function. Tip for penetrating insulation and oxide layers and 4 mm diameter pin for insertion in sockets. 4 mm diameter brass socket connection. Connects with safety measuring leads.
Typ	Type	PRUEF 2700	PRUEF 2700
Gehäusefarbe / Artikel-Nr.	Housing color / article-no.	● 972 319-100 ● 972 319-101	
Zeichnung	Drawing		
Technische Daten	Technical data		
Stiftdurchmesser	Pin dimensions	4 mm	4 mm
Kontaktart	Type of contact	ungefederte Spitze	unsprung tip
Anschlußart	Type of termination	ungefederte Buchse Ø 4 mm	unsprung socket Ø 4 mm
Bemessungsspannung	Rated voltage	AC/DC 1000 V	AC/DC 1000 V
Messkategorie lt. IEC61010	Measurement cat. acc. to IEC61010	CAT II	CAT II
Bemessungsstrom (Derating Kurve beachten)	Rated current (consider derating curve)	32 A	32 A
Durchgangswiderstand	Contact resistance	2 mOhm	2 mOhm
Zertifikate	Certificate	CE	CE
Werkstoff	Material		
Kontaktmaterial	Contact material	Spitze: Messing Buchse: Messing	tip: brass socket: brass
Kontaktflächenmaterial	Contact surface material	Nickel	nickel
Gehäusematerial	Housing material	PP	PP
Umgebungsbedingungen	Environmental conditions		
Temperaturbereich	Temperature range	-25°C bis +80°C	-25°C to +80°C
Brennbarkeitsklassen	Inflammability class		
Gehäuse (Grundmaterial)	Housing (basic material)	UL 94 HB	UL 94 HB

Klemmprüfspitzen / clamp-type test probes

KLEPS 2800



Produktbeschreibung	Product description		
Beschreibung	Description	Sicherheits-Klemmprüfspitze mit weit öffnenden Greifklauen zum Kontaktieren von großen Messpunkten und Leitungen mit großen Querschnitten. 4 mm Buchsensteckanschluss aus Messing. Steckbar mit Sicherheits-Messleitungen.	Safety clamp-type test probe with wide opening grip claws for contacting large measuring areas and leads with large cross-sections. 4 mm brass socket connection. Connects with safety measuring leads.
Typ	Type	KLEPS 2800	KLEPS 2800
Klemmbereich	Clamping range	10 mm	10 mm
Klemmart	Clamp type	Greifklauen	grip claws
Gehäusefarbe / Artikel-Nr.	Housing color / article-no.	972 308-100 972 308-101	
Zeichnung	Drawing		
			
Technische Daten	Technical data		
Anschlußart	Type of termination	ungefederte Buchse Ø 4 mm	unsprung socket Ø 4 mm
Bemessungsspannung	Rated voltage	AC/DC 1000V	AC/DC 1000V
Messkategorie lt. IEC61010	Measurement cat. acc. to IEC61010	CAT III	CAT III
Bemessungsstrom (Derating Kurve beachten)	Rated current (Please consider derating curve)	20 A	20 A
Zertifikat	Certificate	CE	CE
Durchgangswiderstand	Contact resistance	100 mOhm	100 mOhm
Werkstoff	Material		
Kontaktmaterial	Contact material	Greifklauen: Federstahl Buchse: Messing	grip claws: spring steel socket: brass
Kontaktflächenmaterial	Contact surface material	Nickel	nickel
Gehäusematerial	Housing material	PBT	PBT
Umgebungsbedingungen	Environmental condidions		
Temperaturbereich	Temperature range	-25°C bis +80°C	-25°C to +80°C
Brennbarkeitsklassen	Inflammability class		
Gehäuse (Grundmaterial)	Housing (basic material)	UL 94 HB	UL 94 HB

datasheet for MLS WG 100/1
article number: 934082100

product description:	order number: 934 082-100
description:	Safety measuring lead, at either end 4 mm diameter safety connector with straight/rectangular outlet and integrated kink protection. Nickel-plated copper beryllium contact spring. Highly flexible, double insulated stranded lead, shatter-proof grip sleeve and lead. Color indicator for the recognition of damage to the insulation. In accordance to IEC 61010 standard.
typ:	MLS WG 100/1 schwarz / black
system:	4mm safety system
order number:	934 082-100
color	
other color versions:	
technical data	
measurement category acc. to IEC 61010:	CAT III
pin dimensions	4 mm
type of contact:	pin (spring loaded)
cable type:	LEH-XY
cable specification:	highly flexible lead
wire stranding:	259 x 0.07 mm
rated voltage:	AC/DC 1000 V
rated current:	16 A
Please consider derating curve!	
contact resistance:	22 mOhm
cable length:	100 cm
conductor size:	1 mm ²
cable material:	PVC
cable color:	black
material	
contact material:	contact pin: brass contact spring: copper - beryllium
contact surface material:	nickel
housing material:	PA
environmental conditions:	
temperature range:	-15 °C to +70 °C
flammable class:	
housing (basic material):	UL 94 V - 2
drawing	