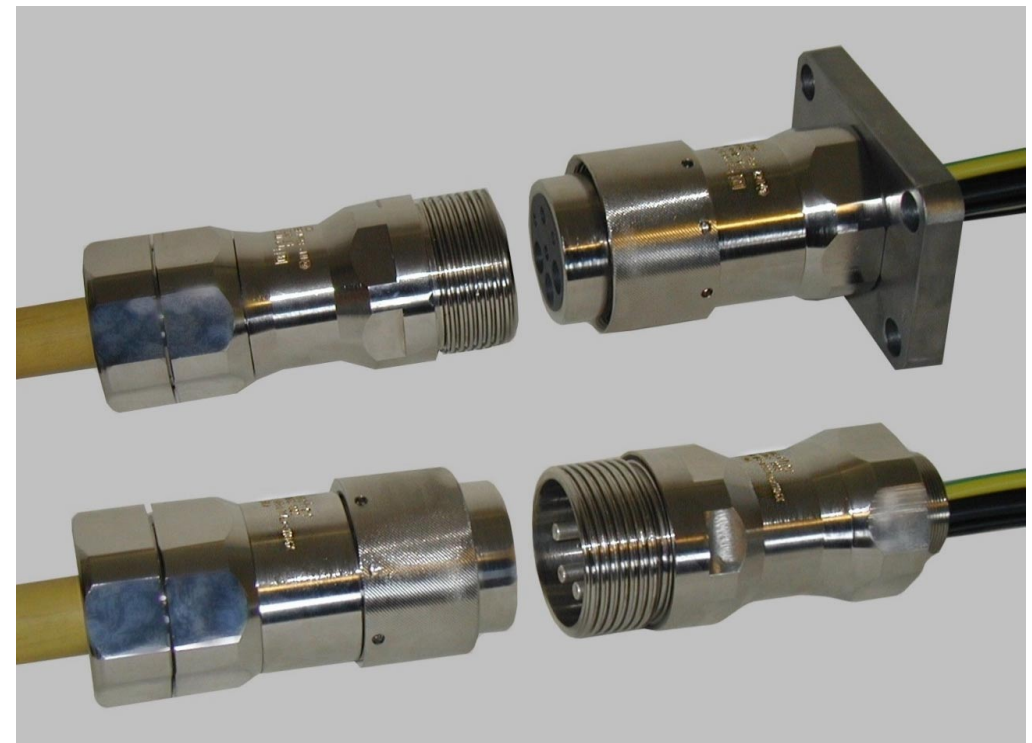


NEW: PLUG-IN CONNECTORS 1000 V

Making the electrical connections for the switching equipment requires a great deal of work and effort as a rule when setting up and operating this equipment in mining. Hamacher GmbH offers for its wide range of switchgears / load centres a complete plug-in connector for 1000 V and 130 A (!) - of course with EU approval, certification in compliance with Directive 94/9/EG (ATEX).

Features :

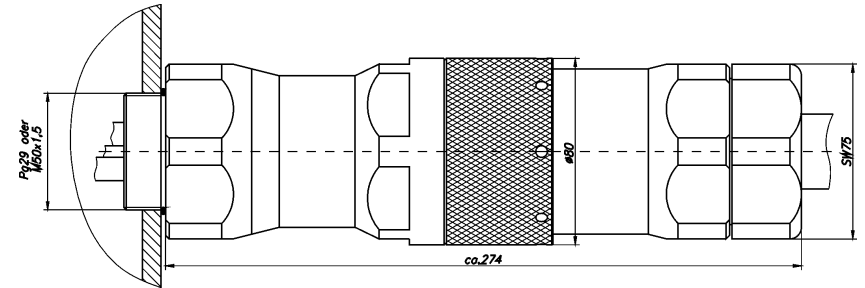
- ◆ *plug-in sockets – with pins or female connectors - for mounting onto a casing type “flameproof enclosure” and / or “increased safety”, with screw-in threads M 50 x 1,5 or Pg 29 or fitted with a flange, with free cable ends 400 mm/ 35 mm²*
- ◆ *optimal possibility for mounting because of the low outside diameter of the plug-in connectors (max. 80 mm)*
- ◆ *plugs – with pins or female connectors - for easy installing with cables type NSSHÖU, cable filling compound is not necessary*
- ◆ *cable connecting by means of plugs*
- ◆ *also available as “blind” plugs*
- ◆ *isolation process in three stages: interlock power circuit - voltage-free main contacts - grounding conductor (PE)*



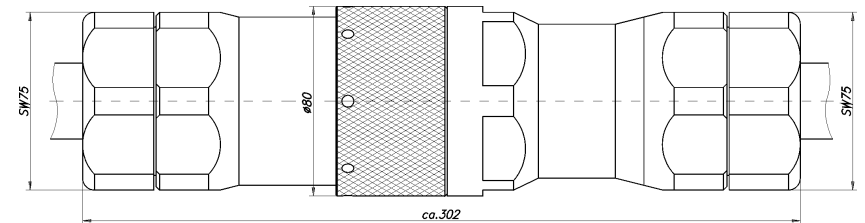
Plug-in connector for mounting onto a housing: HA-SVLS 1000 / HA-SVGB 1000, fitted with a flange - on the picture or HA-SVLB 1000 / HA-SVGS 1000, with thread - on the picture

Technical Data :

◆ <i>Rated voltage:</i>	1000 V
◆ <i>Rated current:</i>	130 A
◆ <i>Interlock power circuit:</i>	42 V / 250 mA
◆ <i>Cable cross section:</i>	up to 35 mm ²
◆ <i>Lengths:</i>	
<i>Plug-in connector comp. (casing/cable)</i>	292 mm
- outside the casing	276 mm
- free cable ends	400 mm / 35 mm ²
<i>Plug-in connector comp. (cable/cable)</i>	302 mm
◆ <i>Outside diameter max.:</i>	80 mm
◆ <i>Weight of a comp. plug-in connector approx.:</i>	6,5 kg
◆ <i>Ambient temperature:</i>	-20 up to 40 °C
<u>Type of protection :</u>	IM2 EExd I
<u>Ingress protection :</u>	IP 54
<u>Certification :</u>	IBExU01ATEX1002 X






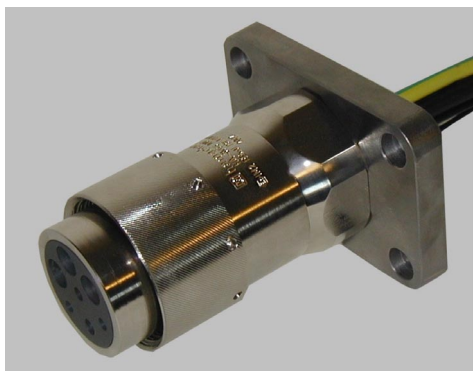
Plug-in connector (mounting onto a casing)



Plug-in connector (cable/cable)

Modules of the plug-in connector 1000 V Type HA-SV:

(Blind plugs, protective caps and spare parts on request)

Name	Type	Part No.		
<p>Plug-in socket</p> <ul style="list-style-type: none"> - with pins and thread - with pins and flange 	<p>HA-SVGS 1000 HA-SVGS 1000</p>	<p>HA-120110 HA-120210</p>		
<p>Plug-in socket</p> <ul style="list-style-type: none"> - with female connectors - with female connectors and a flange 	<p>HA-SVGB 1000 HA-SVGB 1000</p>	<p>HA-120120 HA-120220</p>		
<p>Plug with pins</p> <ul style="list-style-type: none"> - Cable cross-section 16 mm² - Cable cross-section 25 mm² - Cable cross-section 35 mm² <p>Plug with female connectors</p> <ul style="list-style-type: none"> - Cable cross-section 16 mm² - Cable cross-section 25 mm² - Cable cross-section 35 mm² 	<p>HA-SVLS 1000 (16) HA-SVLS 1000 (25) HA-SVLS 1000 (35)</p> <p>HA-SVLB 1000 (16) HA-SVLB 1000 (25) HA-SVLB 1000 (35)</p>	<p>HA-120312 HA-120313 HA-120314</p> <p>HA-120322 HA-120323 HA-120324</p>	