



We develop solutions
Standardization conductivity



Inductive conductivity meters of the SLI 03-06-S series



Suitable Adapters:
Welding Sleeves Varivent

Triclamp



AP 35



BP35

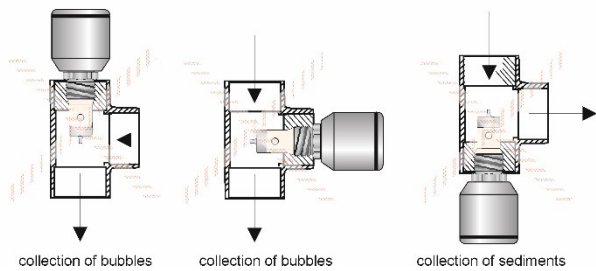


HP 35 – DN50 TYP N
IP 35 – DN25 TYP N



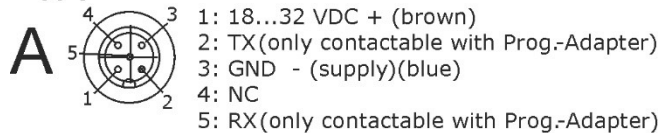
TP 35

Not recommended installation of conductivity cells
Target: air and covering prevention



Plug: 2 x M12 5-pole;
no screw terminal provided

Supply



In - Out



Inductive conductivity meters of the SLI 03-06-S series für Milk-Pipe Screw Connections



Suitable Adapters:

Welding sleeves

Taper Nut

Screwcap



AP 35



BP35



FP 35 – DN40

GP 35 – DN50

LP 35 – DN65



FÜ 35 – DN40

GÜ 35 – DN50

LÜ 35 – DN65

Plug: 2 x M12 5-pole;

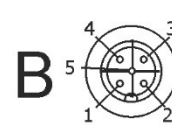
no screw terminal provided

Supply



- 1: 18...32 VDC + (brown)
- 2: TX (only contactable with Prog.-Adapter)
- 3: GND - (supply) (blue)
- 4: NC
- 5: RX (only contactable with Prog.-Adapter)

In - Out

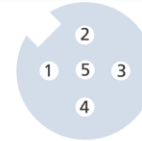


- 1: OUT / 4...20mA / conductivity (brown)
- 2: OUT / 4...20mA / temperature (white)
- 3: DIGI - In1 (blue)
- 4: DIGI - IN2 (black)
- 5: GND (OUT / IN) (grey)

Connection possibilities of the SLI devices

Variante 1 when reinstallation

Use 2 Seli connection cables,
thus up to IP69K is possible

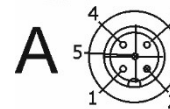


1BN | 2WH | 3BU | 4BK | 5GY

connection line straight

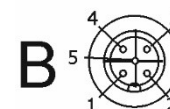
S0112-00175	FB-WAKH4.5-2/S3930	(2m)
S0112-00174	FB-WAKH4.5-5/S3930	(5m)
S0112-00176	FB-WAKH4.5-10/S3930	(10m)
S0112-00177	FB-WAKH4.5-20/S3930	(20m)
S0112-00178	FB-WAKH4.5-30/S3930	(30m)

Supply



- 1: 18...32 VDC + (brown)
- 2: TX (only contactable with Prog.-Adapter)
- 3: GND - (supply) (blue)
- 4: NC
- 5: RX (only contactable with Prog.-Adapter)

In - Out



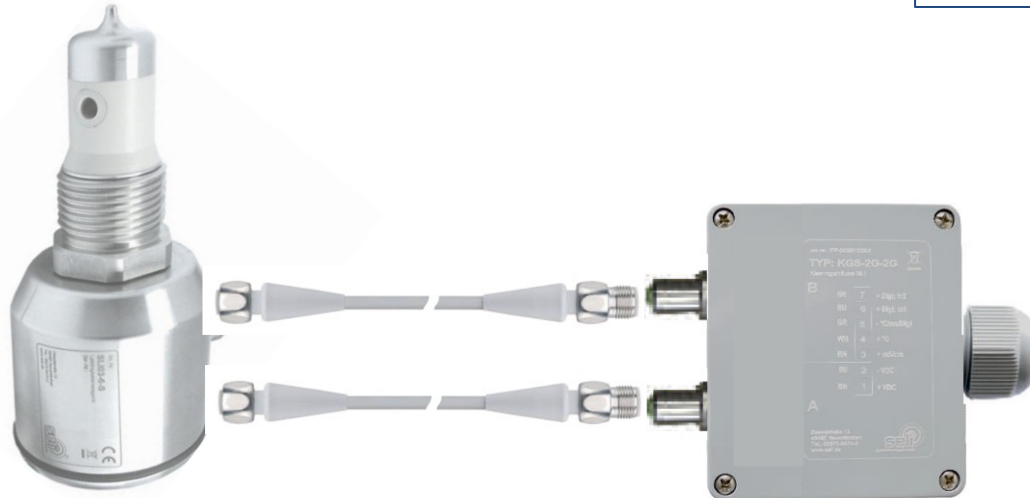
- 1: OUT / 4...20mA / conductivity (brown)
- 2: OUT / 4...20mA / temperature (white)
- 3: DIGI - In1 (blue)
- 4: DIGI - IN2 (black)
- 5: GND (OUT / IN) (grey)





Connection possibilities of the SLI devices

Variante 2 when exchanging


Disconnect the defective sensor and connect existing connection cable in the terminal box. Bridge any existing evaluation unit and connect 4-20 mA directly to PLC level



Codierung A	
female 5-polig	male 5-polig
	
1BN 2WH 3BU 4BK 5GY	
connecting line	
S0112-00195	FB-WAKH4.5-1-FB-WASH4.5/S3930 (1m)
S0112-00189	FB-WAKH4.5-2-FB-WASH4.5/S3930 (2m)
S0112-00190	FB-WAKH4.5-5-FB-WASH4.5/S3930 (5m)
S0112-00191	FB-WAKH4.5-10-FB-WASH4.5/S3930 (10m)

Supply


A



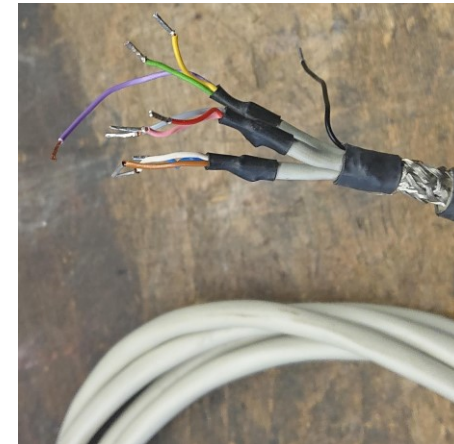
- 1: 18...32 VDC + (brown)
- 2: TX (only contactable with Prog.-Adapter)
- 3: GND - (supply)(blue)
- 4: NC
- 5: RX (only contactable with Prog.-Adapter)

In - Out

B



- 1: OUT / 4...20mA / conductivity (brown)
- 2: OUT / 4...20mA / temperature (white)
- 3: DIGI - In1 (blue)
- 4: DIGI - IN2 (black)
- 5: GND (OUT / IN) (grey)



Connection possibilities of the SLI devices

External Display or Controller

e.g. in hard to reach places

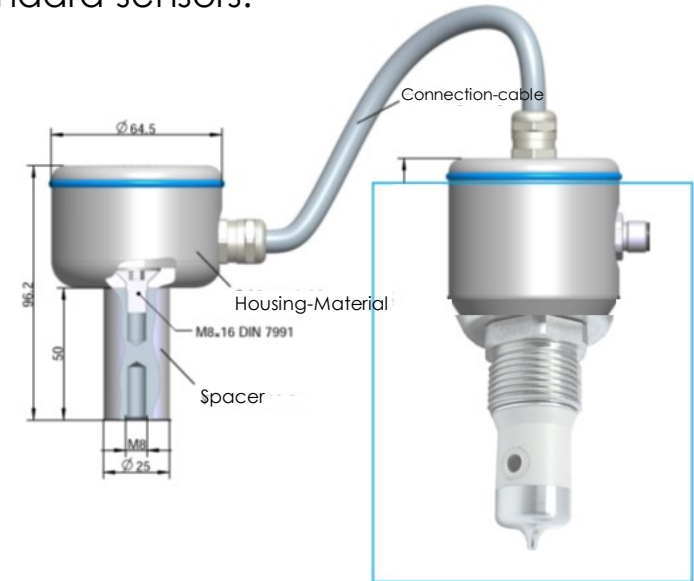
Existing display will be removed from sensor and fixed at a suitable location.

Connection is made directly to the sensor as with the standard sensors.
(Sensor can remain connected to power supply).

DES-02-B-A-X-X (2m)

DES-05-B-A-X-X (5m)

DES-10-B-A-X-X (10m)



Setting or checking the SLI devices

Set conductivity, temperature range and TK value.
(Values of Warsteiner laboratory, or after checking by means of parameterization)
Via Seli Soft or directly via Display.

Check before installation or after inspection period by means of loop set and documentation with SeliSoft (printout or file incl. Serial number)



Loop Set (FP-00357)
62/5000
for the simulation of conductivity
and checking the sensor

	Conductivity (4-20mA)	Temperature (4-20mA)	TK value
Parameter 1 (Water)			
Parameter 2 (Acid)			
Parameter (Lye)			
Parameter 4 (diverse)			

Overview of SLI devices and accessories

	Varivent	Milk Pipe	Seli No.	Warsteiner No.
SLI 03-06-S	HP 35 – DN50 TYP N		HP 35	
SLI 03-06-V		GP 35 – DN50 GÜ 35 – DN50	GP 35 GÜ 35	
Cable with plus				
Cable with plug and socket				
Loop-Set			FP-00357	
Terminal				
External Display			DES-10-B-A-X-X	