

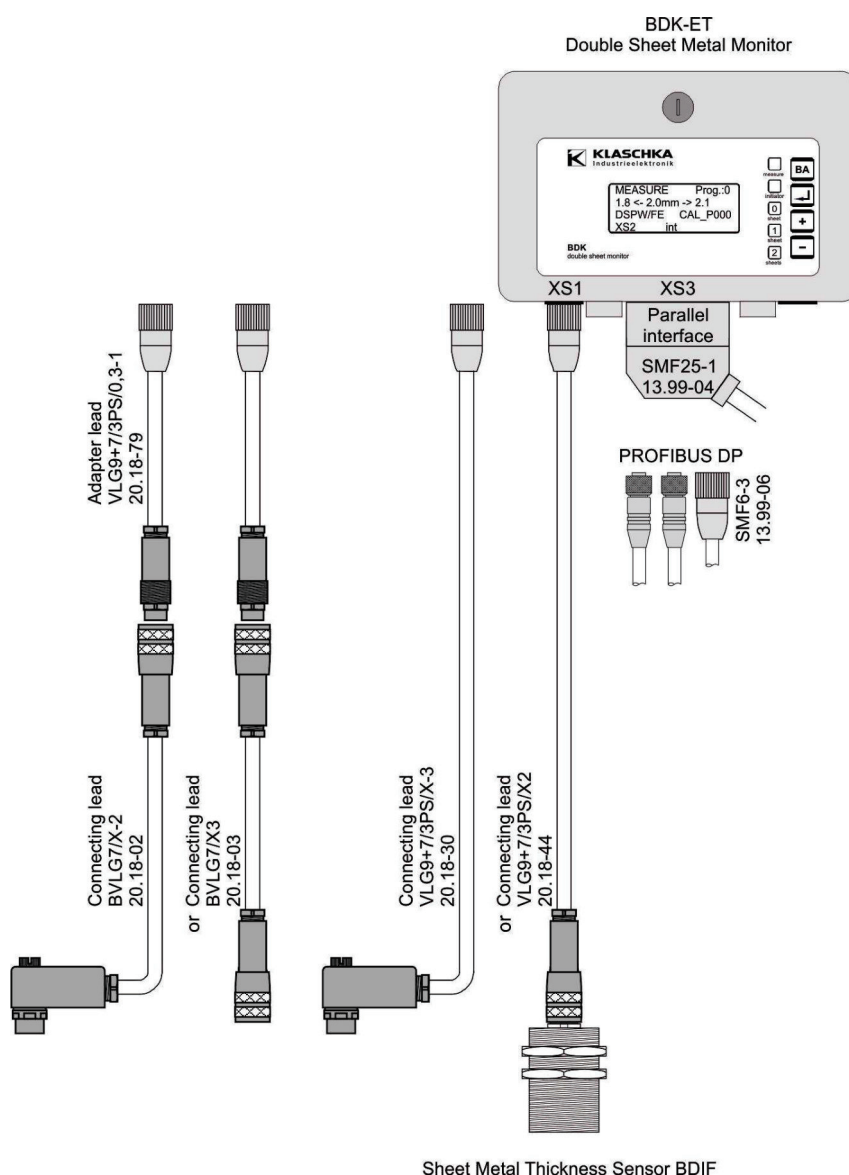
Double Sheet Metal Monitor BDIG

Compatible exchange of BDIG-control units by BDK-ET or BDK-1.3

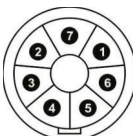
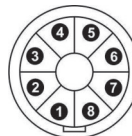
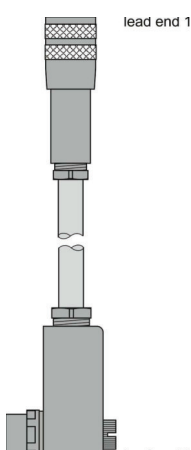
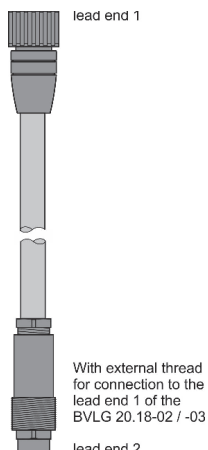
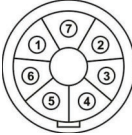
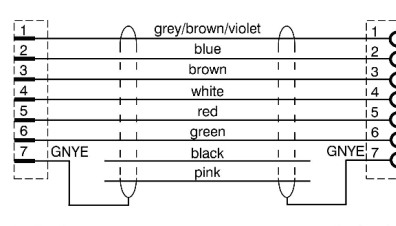
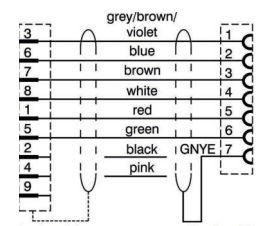
Systems of the series BDIG consist of:

- Control Unit (BDIG)
- Connecting lead (BVLG)
- Sensor (BDIF)

BDIG Control Units can be replaced with Control Units of series BDK-ET resp. BDK-1.3 equipped with additional adapter or Connecting Leads.
Existing Connection Leads (BVLG) and Sensors (BDIF) are still usable.



Subject to change!

System / Monitor	BDK-ET / BDK-1.3		
Designation	Connecting lead	Connecting lead	Adapter lead
Type	BVLG7/X-2	BVLG7/X-3	VLG9+7/3PS/0,3-1; 0,3m
Ref. no.	20.18-02	20.18-03	20.18-79-003
Use	between BDK adapter lead (20.18-79) and BDIF		between BDK and BVLG 20.18-02 / -03
Connection lead end 1	plug, 7-pin, straight		plug, 8+1-pin, straight
Connection lead end 2	socket, 7-pole, angled	socket, 7- pole, straight	
Lead	flexible control lead, shielded, for drag chains		
Outer diameter of lead	8,8 mm		
Smallest bending radius mobile	7,5 x D		
Number of cores/cross-section	4 x 2 x 0,25 + 2 x 1 mm ²		
Protection rating	IP 65		
Operating temperature range	- 30 °C ... + 80 °C		
Contact assignment Lead end 1			
Illustration			
Contact assignment Lead end 2			
Connection diagram			

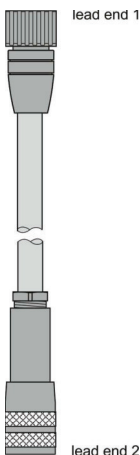
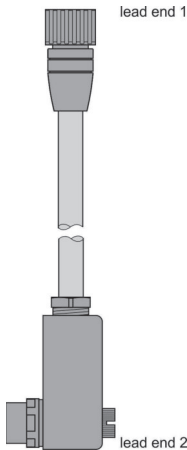
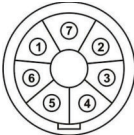
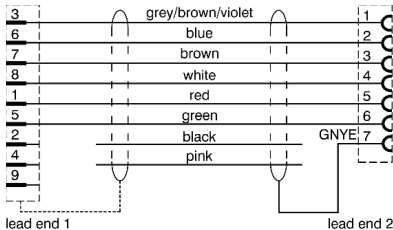
Subject to change!

2/4 BDIG - BDK

KB 3.19

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System / Monitor	BDK-ET / BDK-1.3		
Designation	Connecting lead	Connecting lead	
Type	BVLG9+7/3PS/X-2	BVLG9+7/3PS/X-3	
Ref. no.	20.18-44	20.18-30	
Use	between BDK and BDIF		
Connection lead end 1	plug, 8+1-pin, straight		
Connection lead end 2	socket, 7-pole, straight	socket, 7-pole, angled	
Lead	flexible control lead, shielded, for drag chains		
Outer diameter of lead	8,8 mm		
Smallest bending radius mobile	7,5 x D		
Number of cores/cross-section	4 x 2 x 0,25 + 2 x 1 mm ²		
Protection rating	IP 65		
Operating temperature range	- 30 °C ... + 80 °C		
Contact assignment Lead end 1			
Illustration			
Contact assignment Lead end 2			
Connection diagram			

Subject to change!

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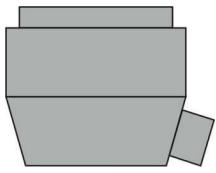
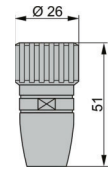
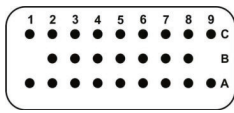
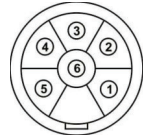
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BDIG - BDK

3/4

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Sous réserve d'erreurs ou modifications techniques

System / Auswertegerät	BDK-ET / BDK-1.3 / BDIG	BDK-ET / BDK-1.3
Designation	Connector	Connector
Type	SMF25-1	SMF6-3
Ref. no.	13.99-04	13.99-06
Use	Lead socket to connect the supply and control leads for devices with parallel interface	Lead socket to connect the supply leads for PROFIBUS / PROFINET devices.
Connection	plug, 25-pin	socket, 6-pole, straight
Contact	crimp terminals	crimp terminals
Core cross-section		0.5 ... 0.75 qmm
Lead passage		6.5 ... 8 mm
Protection rating		IP 67
Operating temperature range	- 30 °C ... + 80 °C	- 30 °C ... + 70 °C
Illustration		
Contact assignment		

Connecting Leads and Accessories

All connecting leads are oil-resistant and suitable for drag chains.
Please indicate the lead length X when ordering (standard length X = 5 m).

The connectors are device-sided straight and sensor-sided optionally straight or angled.

Subject to change!

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