

# HARNESSSED PUSH PULL CABLES





ENTREPRISE FAMILIALE  
TRADITIONNELLE  
DEPUIS 1947

## Family business in the third generation

75 years of experience in cable and wire manufacturing as well as in temperature measurement technology turned a one-man business into a company with more than 550 employees. We prove our strength every year with more than 1500 special products according to customers' requirements. Each product is a new challenge for our creative technical team. We at SAB see ourselves as a manufacturer and a service provider – in the sense of true partnership and the greatest possible customer orientation.

Today, the quality of our products is known and appreciated in more than 100 countries around the world. In all product ranges, we are certified according to DIN EN ISO 9001. Furthermore, we have implemented an environmental management system for our company according to DIN EN ISO 14001, an occupational health and safety management system according to NLF/ILO-OSH and DIN ISO 45001, and an energy management system according to DIN EN ISO 50001.

And also for the future, our slogan is: "**WE GO FORWARD!**"

**FOUNDED:**

1947 by Peter Bröckske sen.  
an independent, medium-sized company.

**CEO:**

Peter Bröckske and Sabine Bröckske-Wetten

**PLANT/LOCATION:**

In Viersen (Lower Rhine) 110.000 m<sup>2</sup> company site.  
Own manufacturing from copper conductor to outer sheath.  
VDE approved burnchamber and laboratory within the company.

**EMPLOYEES/WORKERS:**

approx. 430 at the plant in Viersen, 550 worldwide

**YEARLY SALES:**

over 134 Mio. € worldwide

**PRODUCTS:**

Special Cables

Measurement Technology

Cable Harnessing

**CERTIFICATES  
AND APPROVALS:**

Quality management system  
acc. to DIN EN ISO 9001  
for every manufacturing field

Environmental management system acc. to DIN EN ISO 14001

Occupational health and safety management  
acc. to NLF/ILO-OSH and DIN ISO 45001

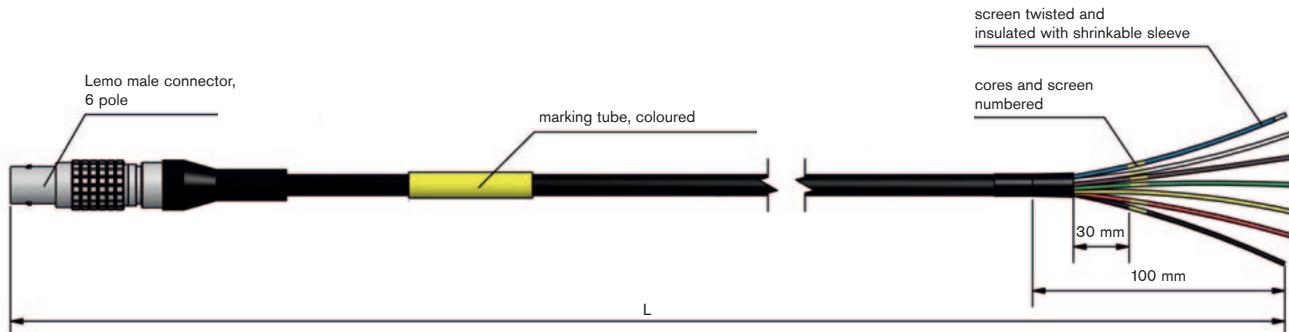
Energy management system acc. to DIN EN ISO 50001

# PUSH PULL CABLES



## SENSOR CABLE

with 6 pole Lemo male connector and stripped end



### Application:

sensor cable, open ends



### Cable characteristics:

- mechanically very rugged
- very flexible
- +125 °C / 2500h

### Cable data:

Construction:	7 x AWG26
Insulation:	TPFK
Screen:	overall screen >80%
Outer sheath:	PUR 420, colour black, mat surface
Outer diameter:	approx. 4,3 mm
Min. bending radius:	10 x d
Peak operating voltage:	max. 350 V
Temperature range:	-40/+90 °C (+125 °C / 2500h)
Oil resistance:	very good – TMPU acc. to EN50363-10-2

### Configuration example:

item no.	length „L“ in cm
S3833-4080-00050	50

### Connector:

side 1:  
side 2:  
Lemo male connector, 6 pole  
stripped end

### SAB marking:

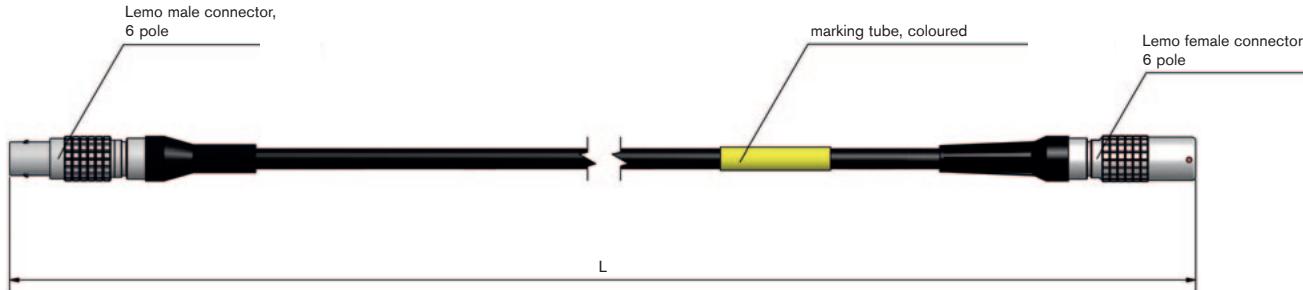
item number, order number, length

# PUSH PULL CABLES



## SENSOR CABLE

with 6 pole Lemo male and female connector



### Application:

sensor extension cable

### Cable characteristics:



- mechanically very rugged
- very flexible
- +125 °C / 2500h

### Cable data:

Construction:	7 x AWG26
Insulation:	TPFK
Screen:	overall screen >80%
Outer sheath:	PUR 420, colour black, mat surface
Outer diameter:	approx. 4,3 mm
Min. bending radius:	10 x d
Peak operating voltage:	max. 350 V
Temperature range:	-40/+90 °C (+125 °C / 2500h)
Oil resistance:	very good – TMPU acc. to EN50363-10-2

### Configuration example:

item no.	length „L“ in cm
S3833-4291-00100	100

### Connector:

side 1:	Lemo male connector, 6 pole
side 2:	Lemo female connector, 6 pole

### SAB marking:

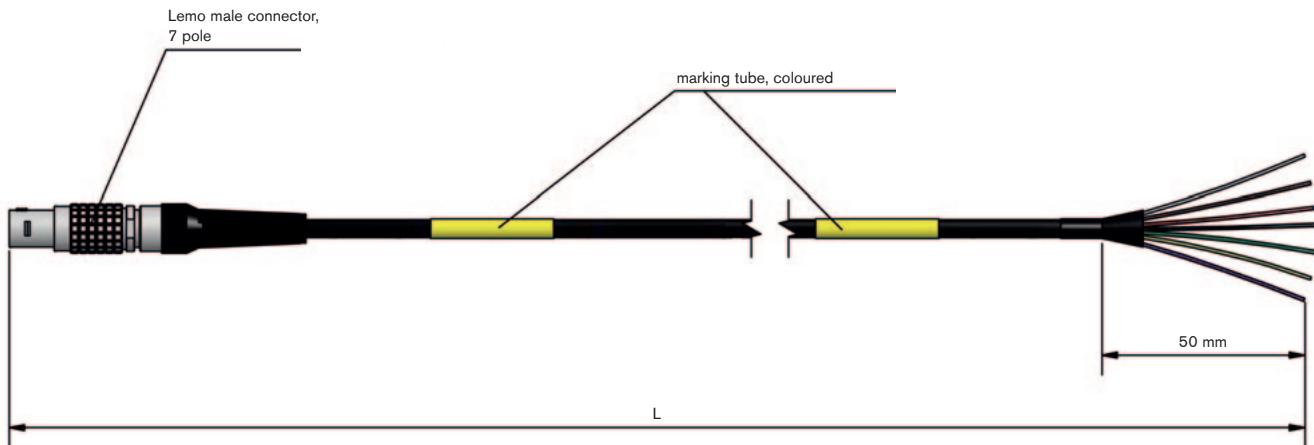
item number, order number, length

# PUSH PULL CABLES



## SENSOR CABLE

with 7 pole Lemo male connector and stripped end



### Application:

cable for strain gauges

### Cable characteristics:



- mechanically very rugged
- very flexible
- +125 °C / 2500h

### Cable data:

Construction:	7 x AWG26
Insulation:	TPFK
Screen:	overall screen >80%
Outer sheath:	PUR 420, colour black, mat surface
Outer diameter:	approx. 4,3 mm
Min. bending radius:	10 x d
Peak operating voltage:	max. 350 V
Temperature range:	-40/+90 °C (+125 °C / 2500h)
Oil resistance:	very good – TMPU acc. to EN50363-10-2

### Configuration example:

item no.	length „L“ in cm
S3833-4329-00600	600

### Connector:

side 1: Lemo male connector, 7 pole  
side 2: stripped end

### SAB marking:

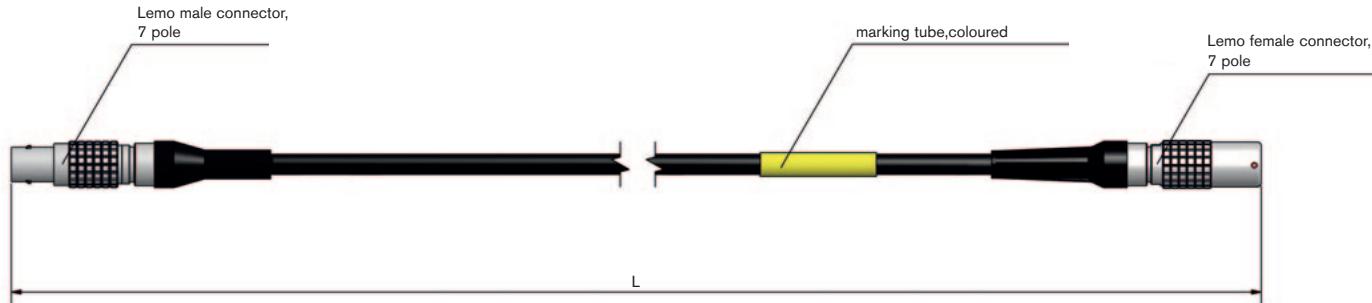
item number, order number, length

# PUSH PULL CABLES



## SENSOR CABLE

with 7 pole Lemo male and female connector



### Application:

extension cable for strain gauges

### Cable characteristics:

- mechanically very rugged
- very flexible
- +125 °C / 2500h

### Cable data:

Construction:	7 x AWG26
Insulation:	TPFK
Screen:	overall screen >80%
Outer sheath:	PUR 420, colour black, mat surface
Outer diameter:	approx. 4,3 mm
Min. bending radius:	10 x d
Peak operating voltage:	max. 350 V
Temperature range:	-40/+90 °C (+125 °C / 2500h)
Oil resistance:	very good – TMPU acc. to EN50363-10-2

### Configuration example:

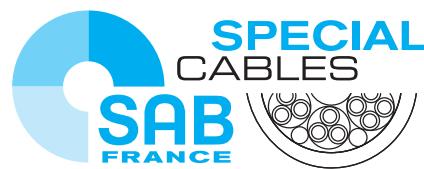
item no.	length „L“ in cm
S3833-4534-00700	700

### Connector:

side 1:	Lemo male connector, 7 pole
side 2:	Lemo female connector, 7 pole

### SAB marking:

item number, order number, length



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