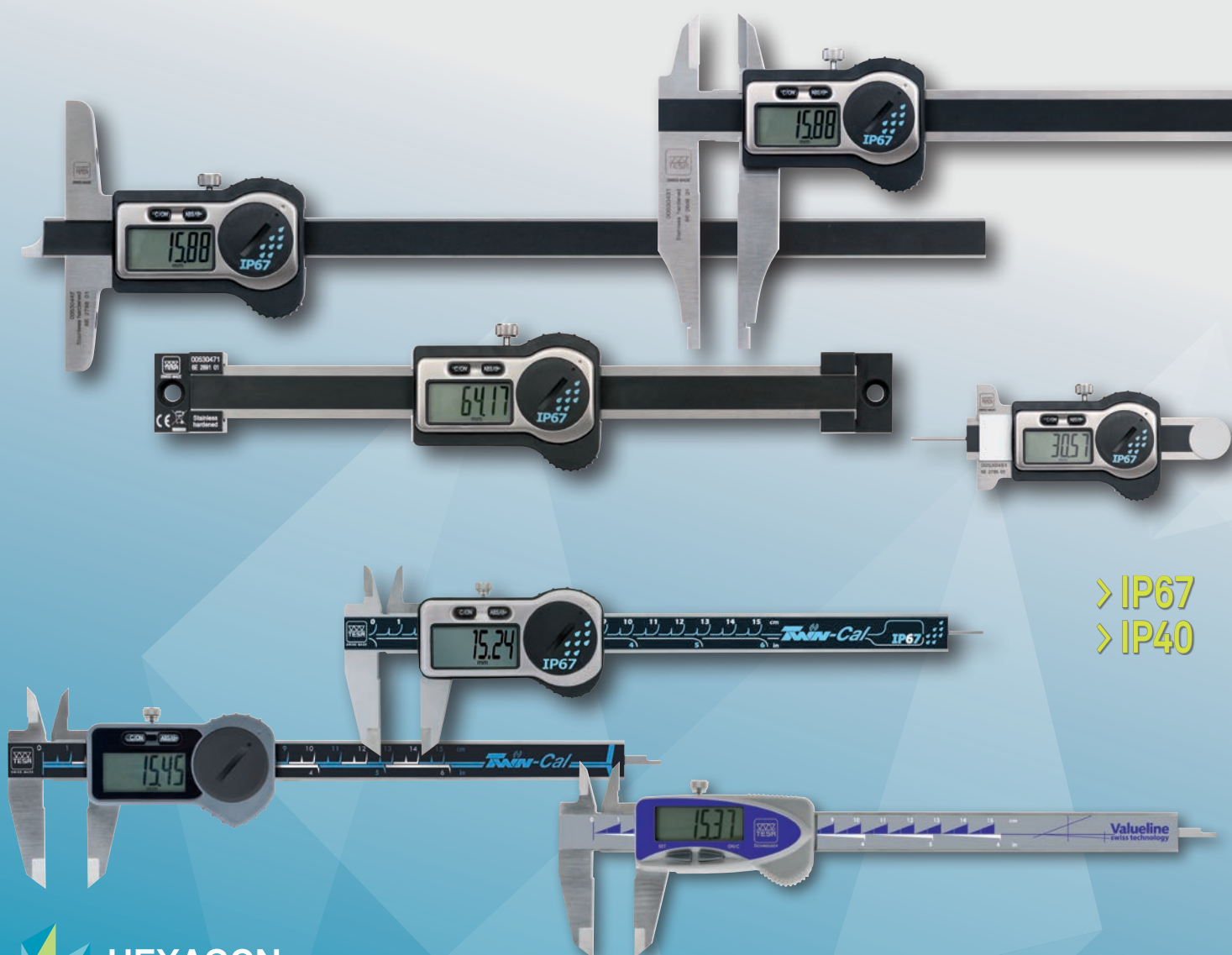


# TESA electronic calipers

UNIVERSAL TWIN-CAL IP 67, WORKSHOP TWIN-CAL IP 67,  
TWIN-CAL IP 40, VALUELINE IP 40



## New design and innovative technologies for ease of use and better performance than ever



> IP67  
> IP40

# > TWIN CAL IP67

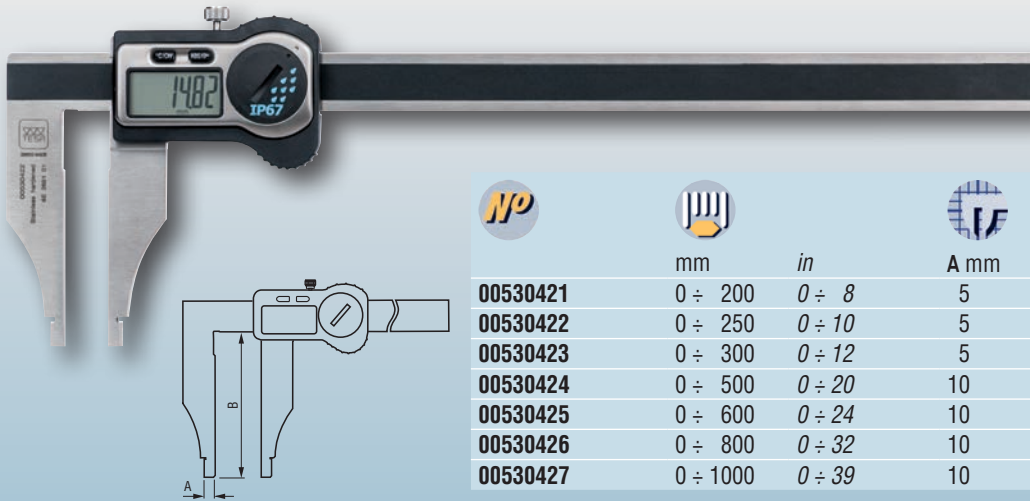
## UNIQUE FEATURES

- Total IP67 protection from dust and water, even when connected to cable
- The largest screen available on the market with 11 mm digit height
- Battery life of over 12,000 hours
- ABS measurement mode
- Unique TWIN & LINK connectivity concept providing upgradeable performance for the entire TWIN-CAL range
- "Soft touch" features for easy measurements



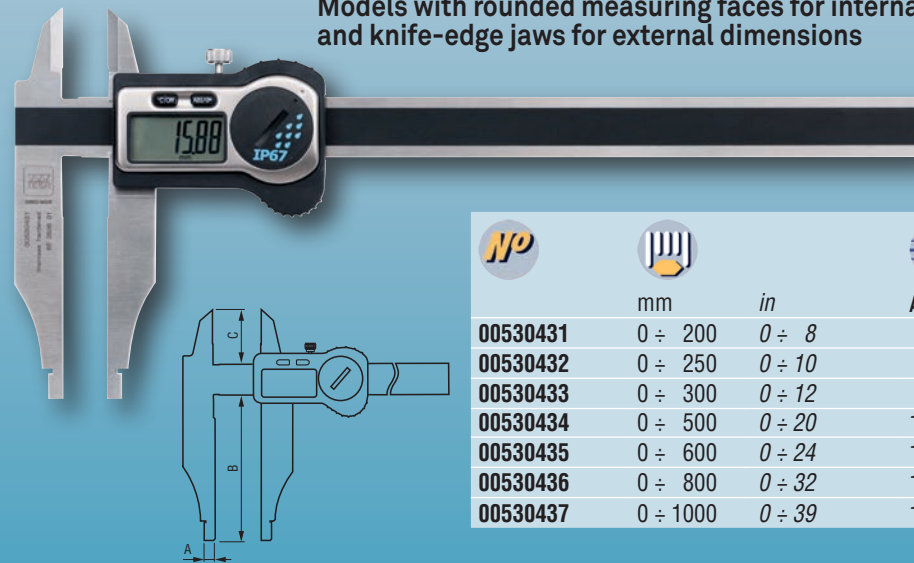
## Workshop electronic calipers

### Models with rounded measuring faces for internal dimensions



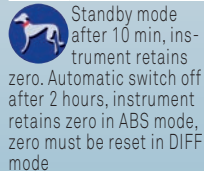
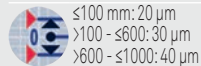
No	mm		in		A mm	B mm
	mm	in	mm	in		
00530421	0 ÷ 200	0 ÷ 8	5	80		
00530422	0 ÷ 250	0 ÷ 10	5	80		
00530423	0 ÷ 300	0 ÷ 12	5	90		
00530424	0 ÷ 500	0 ÷ 20	10	150		
00530425	0 ÷ 600	0 ÷ 24	10	150		
00530426	0 ÷ 800	0 ÷ 32	10	150		
00530427	0 ÷ 1000	0 ÷ 39	10	150		

### Models with rounded measuring faces for internal dimensions and knife-edge jaws for external dimensions

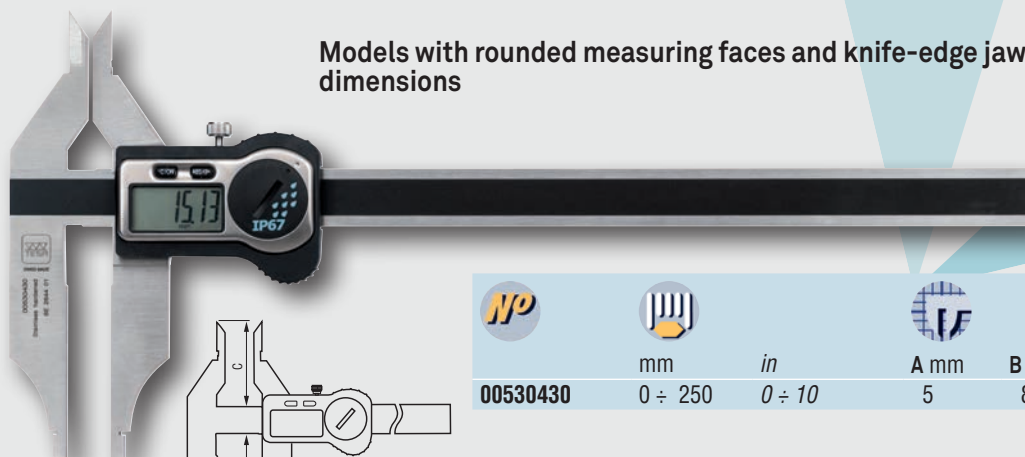


No	mm		in		A mm	B mm	C mm
	mm	in	mm	in			
00530431	0 ÷ 200	0 ÷ 8	5	80	30		
00530432	0 ÷ 250	0 ÷ 10	5	80	37		
00530433	0 ÷ 300	0 ÷ 12	5	90	37		
00530434	0 ÷ 500	0 ÷ 20	10	150	60		
00530435	0 ÷ 600	0 ÷ 24	10	150	60		
00530436	0 ÷ 800	0 ÷ 32	10	150	56		
00530437	0 ÷ 1000	0 ÷ 39	10	150	56		

- ✓
- ISO 13385-1
- 0,01 mm / 0,0005 in
- LCD, 11 mm
- Floating zero
- Conversion mm / in
- ≤100 mm: 20 µm  
>100 - ≤600: 30 µm  
>600 - ≤1000: 40 µm
- 10 µm
- Scale with incremental divisions, inductive
- 2,5 m / s
- RS232 mono- and bi-directional
- Hardened stainless steel
- 3V lithium battery, CR 2032
- 12,000 hours
- Standby mode after 10 min, instrument retains zero. Automatic switch off after 2 hours, instrument retains zero in ABS mode, zero must be reset in DIFF mode
- 10°C à 60°C
- 10°C à 40°C
- 100%
- IP 67
- 1907/2006/CE  
2004/108/CE  
2002/96/CE
- Suited plastic case
- Inspection report with declaration of conformity
- Identification Number
- TWIN compatible



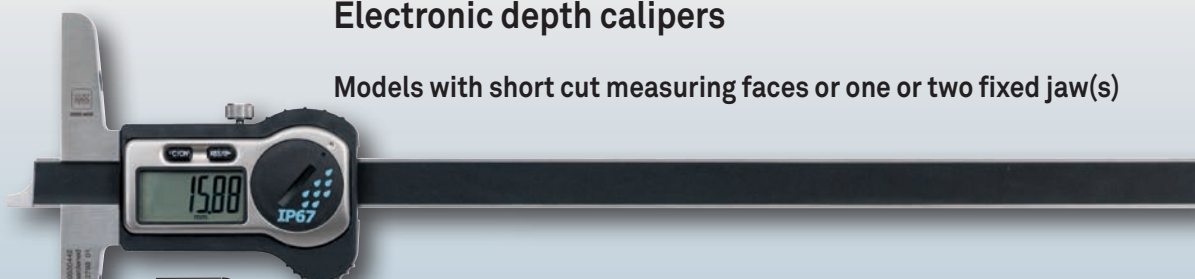
## Models with rounded measuring faces and knife-edge jaws for internal dimensions



No	mm		in		
	A mm	B mm	A mm	B mm	C mm
00530430	0 ÷ 250	0 ÷ 10	5	80	37

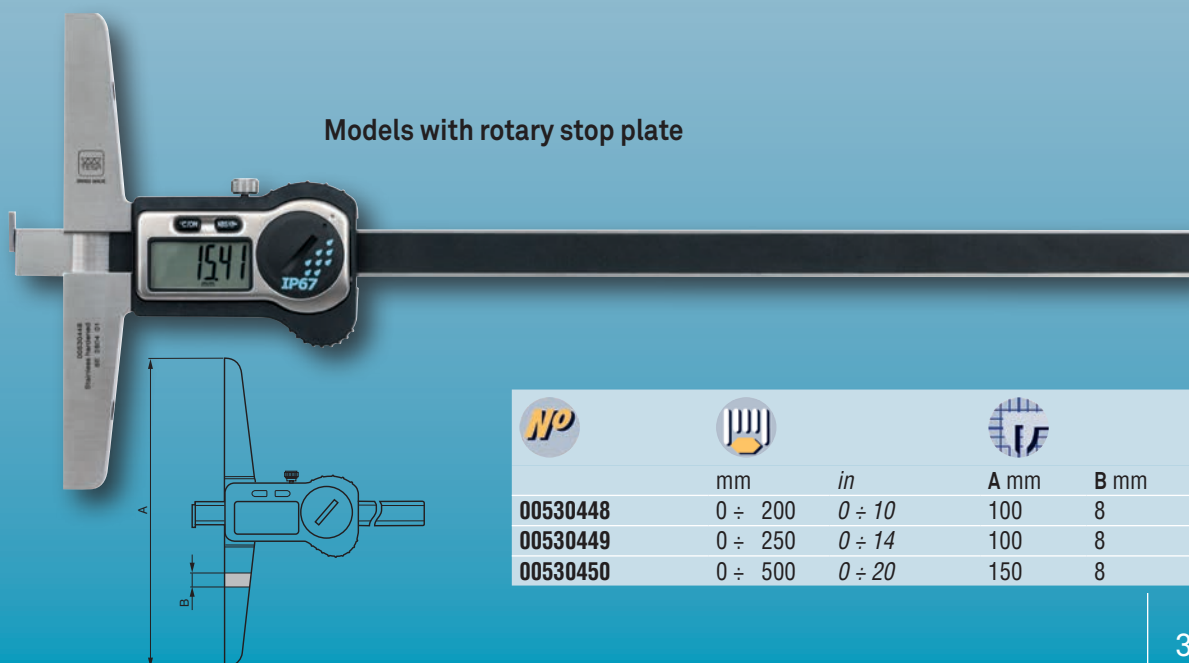
## Electronic depth calipers

### Models with short cut measuring faces or one or two fixed jaw(s)



No	mm		in	
	A mm	B mm	A mm	B mm
<b>Models A, with short-cut measuring faces</b>				
00530441	0 ÷ 200	0 ÷ 8	100	8
00530442	0 ÷ 250	0 ÷ 10	100	8
00530443	0 ÷ 300	0 ÷ 12	150	8
00530444	0 ÷ 500	0 ÷ 20	150	8
<b>Models B, with one fixed measuring jaw</b>				
00530445	0 ÷ 300	0 ÷ 12	150	8
00530446	0 ÷ 500	0 ÷ 20	150	8
<b>Models C, with two fixed measuring jaws</b>				
00530447	0 ÷ 300	0 ÷ 12	150	8

## Models with rotary stop plate

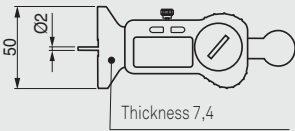


No	mm		in	
	A mm	B mm	A mm	B mm
00530448	0 ÷ 200	0 ÷ 10	100	8
00530449	0 ÷ 250	0 ÷ 14	100	8
00530450	0 ÷ 500	0 ÷ 20	150	8

### Small model with steel tip



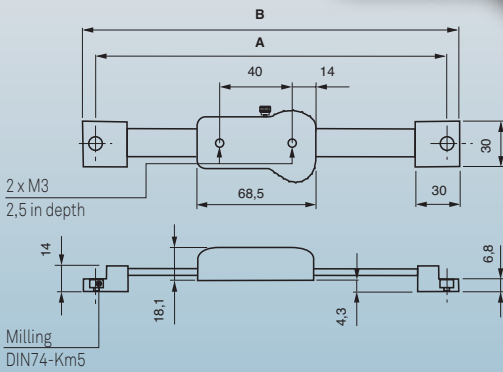
		<i>in</i>		
			0 ÷ 25	0 ÷ 1
<b>00530451</b>				



### Horizontal scale

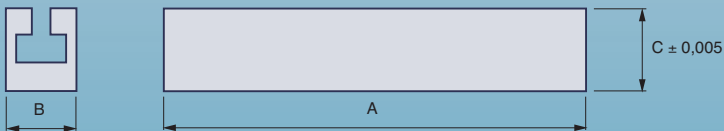


		<i>in</i>				
					A mm	B mm
<b>00530471</b>	0 ÷ 150	0 ÷ 6	265	278		
<b>00530473</b>	0 ÷ 300	0 ÷ 12	415	428		
<b>00530474</b>	0 ÷ 600	0 ÷ 24	725	738		
<b>00530475</b>	0 ÷ 1000	0 ÷ 40	1135	1148		



- ✓
- ISO 13385-1
- 0,01 mm / 0,0005 in
- LCD, 11 mm
- Floating zero
- Conversion mm / in
- ≤100 mm: 20 µm  
>100 - ≤600: 30 µm  
>600 - ≤1000: 40 µm
- 10 µm
- Scale with incremental divisions, inductive
- 2,5 m / s
- RS232, mono- and bi-directional
- Hardened stainless steel
- 3V lithium battery, CR 2032
- 12,000 hours
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- 10°C à 60°C
- 10°C à 40°C
- 100%
- IP 67
- 1907/2006/CE  
2004/108/CE  
2002/96/CE
- Suited plastic case
- Inspection report with declaration of conformity
- Identification Number
- TWIN compatible

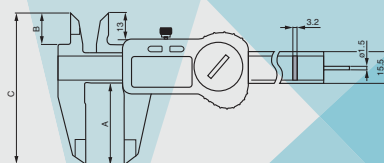
### Accessories for electronic depth calipers



			A mm	B mm	C mm			
<b>00560103</b>	Removable base attachment	200	11,5	10	± 0,005	0,02	8	
<b>00560104</b>	Removable base attachment	300	16	16	± 0,005	0,02	10	
<b>00560105</b>	Removable base attachment	400	16	16	± 0,005	0,03	10	
<b>01961000</b>	3V lithium caliper battery							

Fixation system always delivered with removable base attachments

## >TWIN CAL IP67



TWIN-CAL



VALUELINE



ISO 13385-1



0,01 mm /  
0,0005 in



LCD, 11 mm



Floating zero



Conversion  
mm / in



≤100 mm: 20 µm  
>100 - ≤300: 30 µm



10 µm



Scale with incremental divisions, inductive TWIN-CAL capacitive VALUELINE



TWIN-CAL 2,5m/s  
VALUELINE 1,6 m/s



RS232, mono- and bi-directional (TWIN-CAL)



Hardened stainless steel



Pile Lithium 3V,  
CR 2032



12'000 hours



Standby mode after 10 min, instrument retains zero. Automatic switch off after 2 hours, instrument retains zero in ABS mode, zero must be reset in DIFF mode



-10°C à 60°C



10°C à 40°C



1907/2006/CE  
2004/108/CE  
2002/96/CE



Suited plastic case



Inspection report with declaration of conformity



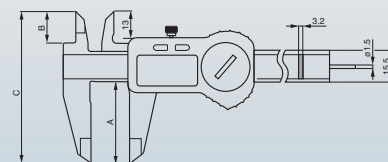
Identification Number



TWIN compatible

No	mm	in	Thumb roller	A mm	B mm	C mm	Depth Rod
00530319	0 ÷ 150	0 ÷ 6	—	40	16	74	■
00530320	0 ÷ 150	0 ÷ 6	—	40	16	74	●
00530321	0 ÷ 150	0 ÷ 6	●	40	16	74	●
00530322	0 ÷ 200	0 ÷ 8	●	50	20	90	■
00530323	0 ÷ 300	0 ÷ 12	●	64	22	106	■

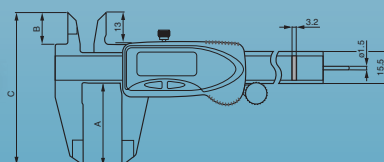
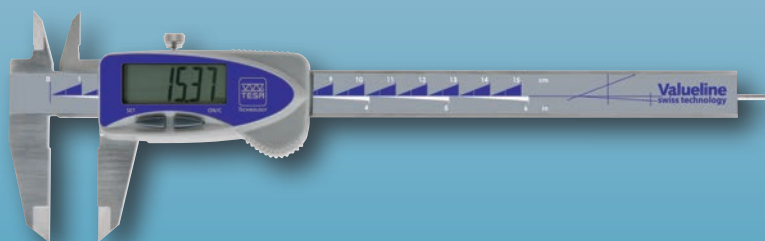
## >TWIN CAL IP40



No	mm	in	Thumb roller	A mm	B mm	C mm	Depth Rod
00530097	0 ÷ 150	0 ÷ 6	—	40	16	74	■
00530094	0 ÷ 150	0 ÷ 6	●	40	16	74	●
00530095	0 ÷ 200	0 ÷ 8	●	50	20	90	■
00530096	0 ÷ 300	0 ÷ 12	●	64	22	106	■

## > VALUELINE IP40

TESA ValueLine is a brand designed by TESA to meet the demands of clients who are not willing to compromise on TESA know-how and are looking for high quality affordable products. The Swiss technology at the heart of our products also provides additional quality assurance.

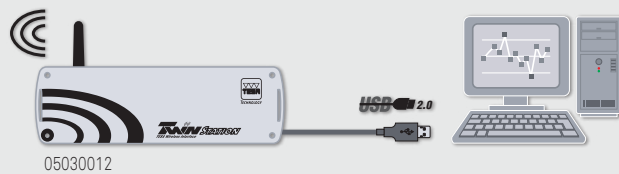


No	mm	in	Thumb roller	A mm	B mm	C mm	Depth Rod
00539090	0 ÷ 150	0 ÷ 6	—	40	16	74	■
00539091	0 ÷ 150	0 ÷ 6	—	40	16	74	●
00539092	0 ÷ 200	0 ÷ 8	●	50	20	90	■
00539093	0 ÷ 300	0 ÷ 12	●	64	22	106	■

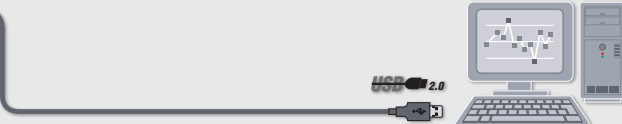
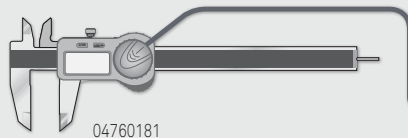


# > CONNECTIVITY

## > TLC-TWIN



## > TLC-USB



## > TLC-DIGIMATIC



No	Interface	m	IP
04760180	TLC-TWIN	–	–
04760181	TLC-USB	2	–
04760182	TLC-DIGIMATIC	2	–

Connections compatible with all TESA TWIN-CAL IP67 / IP40 models

> [www.tesabs.ch](http://www.tesabs.ch)

**TESA SA Switzerland**  
Bugnon 38  
CH-1020 Renens  
Vente Suisse  
Tél. +41 (0)21 633 16 00  
Fax +41 (0)21 633 17 57  
tesa-ventech@hexagonmetrology.com

**TESA FRANCE SAS**  
2 rue Antoine Lavoisier  
Pôle Lavoisier – Bâtiment A  
F-54300 Moncel-lès-Lunéville  
Tél. +33 (0)3 83 76 83 76  
Fax +33 (0)3 83 74 13 16  
tesa-france@hexagonmetrology.com

**TESA Technology  
Deutschland GmbH**  
Netzstraße 32  
D-71638 Ludwigsburg  
Tel. +49 (0)7141 8747 0  
Fax +49 (0)7141 8747 88  
tesa-de@hexagonmetrology.com

**TESA Technology UK Ltd.**  
Metrology House  
Halesfield 13  
Telford, Shrops. TF7 4PL  
Tel. +44 1952 681 349  
Fax +44 1952 681 391  
tesa-uk@hexagonmetrology.com

**TESA Technology ITALIA s.r.l.**  
Via Bizzozzero, 118  
IT-20032 Cormano (MI)  
Tel. +39 02 663 053 69  
Fax +39 02 663 090 82  
tesa-italia@hexagonmetrology.com

**TESA Technology Ibérica**  
Av. de Vizcaya s/n  
Apart. 202  
ES-48260 Ermua  
Tel. +34 943 170 340  
Fax +34 943 172 092  
tesa-iberica@hexagonmetrology.com

**TESA Benelux**  
Van Elderenlaan 1  
NL-5581 WJ Waalre  
Tel. +31 (0)40 222 06 08  
Fax +31 (0)40 222 17 16  
tesa-benelux@hexagonmetrology.com

TESA SA – Bugnon 38 – CH-1020 Renens – Switzerland – Tel. +41(0)21 633 16 00 – Fax +41(0)21 633 75 35 – [www.tesabs.ch](http://www.tesabs.ch) – [tesa-info@hexagonmetrology.com](mailto:tesa-info@hexagonmetrology.com)

