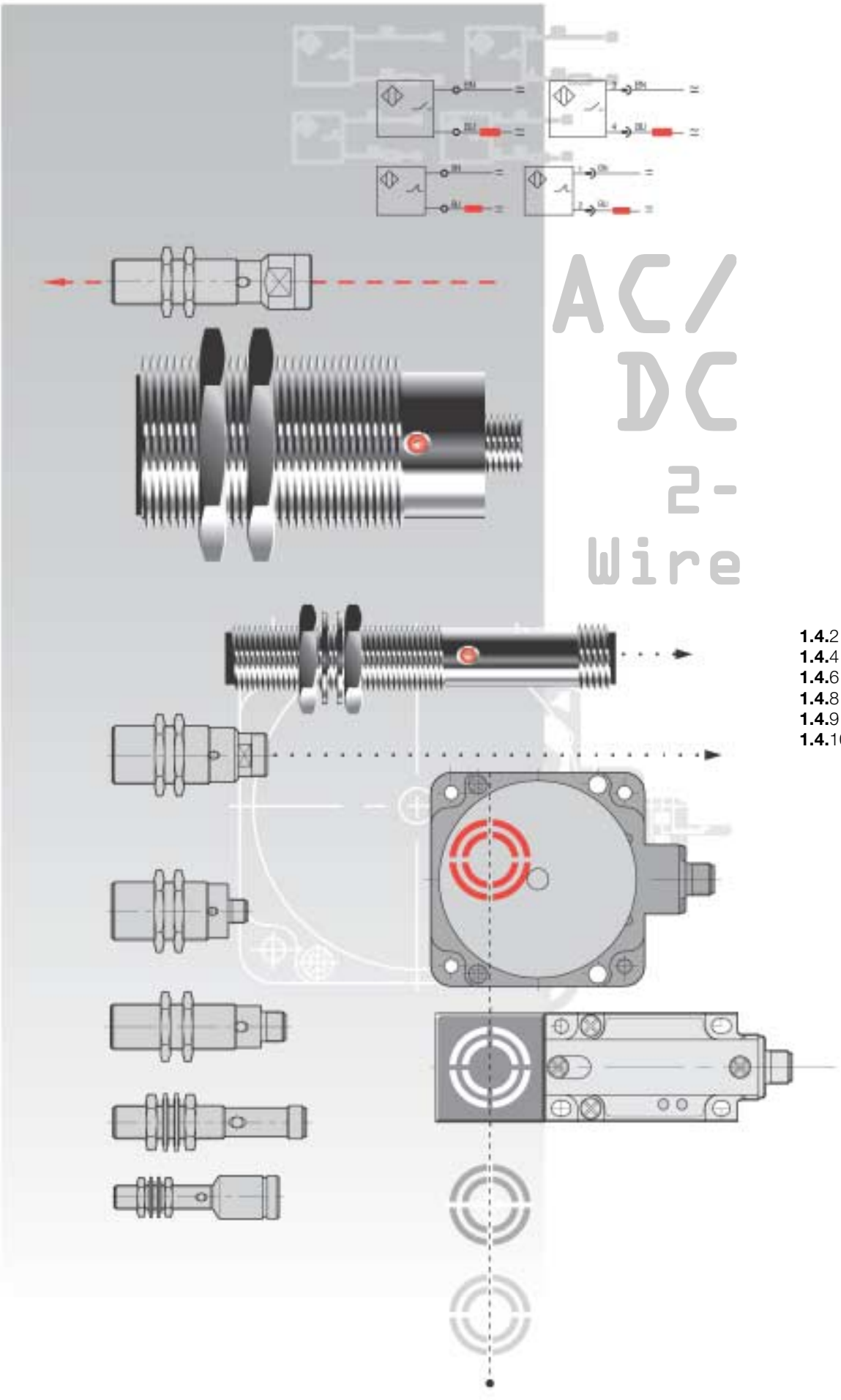


Inductive Proximity Switches

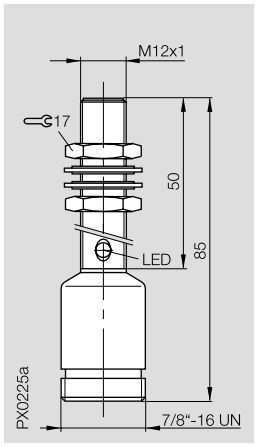
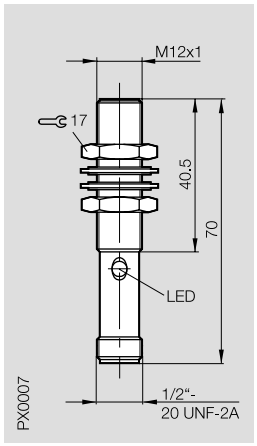
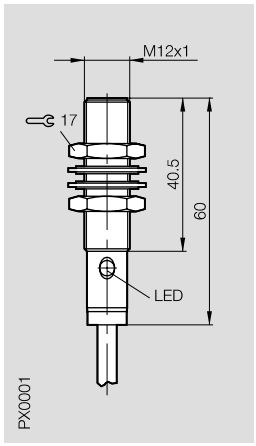
Our Standard Offering in 2-Wire AC/DC Versions

With this broad range of product, Balluff offers proximity switches in housings from M12 to 80 × 80 mm for virtually any application in the field of automation.

These highest quality sensors are designed and manufactured according to world-wide standards and the newest technology. 100 % testing of all products is your assurance that only carefully checked sensors are shipped.

AC/DC 2-Wire Sensors

Additional AC/DC switches can be found in section **1.5** – Inductive sensors with special mechanical and/or electrical properties.

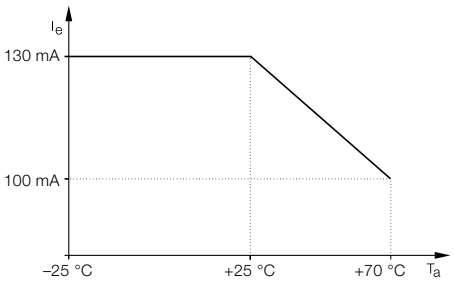
Housing size	**M12×1**	**M12×1**	**M12×1**		
Mounting	flush	flush	flush		
Rated operating distance s_n	**2 mm**	**2 mm**	**2 mm**		
Assured operating distance s_a	0...1.6 mm	0...1.6 mm	0...1.6 mm		
					
Normally-open ⑮ ⑰	BES 516-207-S 5-E	BES 516-207-S 21-E	BES 516-207-B0-E-		
Normally-closed ⑯ ⑱		BES 516-208-S 21-E	BES 516-208-B0-E-		
Rated operational voltage U_e	110 V AC	110 V AC	110 V AC		
Supply voltage U_B	20...250 V AC/DC	20...250 V AC/DC	20...250 V AC/DC		
Voltage drop U_d at I_e	≤ 11 V; ≤ 7.5 V dyn.	≤ 11 V; ≤ 7.5 V dyn.	≤ 11 V; ≤ 7.5 V dyn.		
Rated insulation voltage U_i	250 V AC	250 V AC	250 V AC		
Rated operational current I_e	130 mA	130 mA	130 mA		
Minimum operational current I_m	5 mA	5 mA	5 mA		
Off-state current I_r	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC		
Inrush current I_k t ≤ 20 ms	≤ 0.7 A/≤ 0.5 Hz	≤ 0.7 A/≤ 0.5 Hz	≤ 0.7 A/≤ 0.5 Hz		
Protected against polarity reversal	yes	yes	yes		
Short circuit protected/overload protected	yes/yes	yes/yes	yes/yes		
Repeat accuracy R	≤ 5 %	≤ 5 %	≤ 5 %		
Ambient temperature range T_a	–25...+70 °C	–25...+70 °C	–25...+70 °C		
Frequency of operating cycles f	≤ 1000 Hz	≤ 1000 Hz	≤ 1000 Hz		
Utilization categories	AC 140/DC 13	AC 140/DC 13	AC 140/DC 13		
Function indication	yes	yes	yes		
Degree of protection per IEC 60529	IP 67	IP 67	IP 67		
Insulation class	with protection GND	with protection GND	⧈		
Housing material	stainless steel	stainless steel	stainless steel		
Material of sensing face	PA 12	PA 12	PA 12		
Connection	connector	connector	cable		
No. of wires × conductor cross section			2 × 0.34 mm²		
Approval	cULus	cULus	cULus		
Recommended connector	BKS-S 5-AC	BKS-S 21/BKS-S 22			

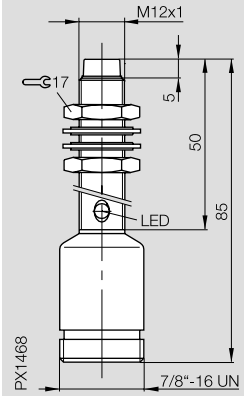
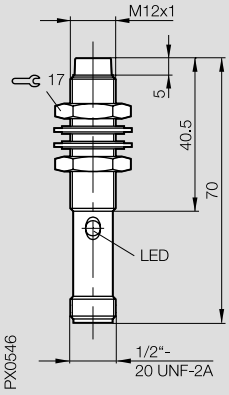
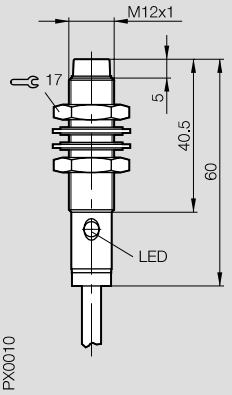
⑮ Connection diagrams see page **1.0.**12

Please add the cable length to the ordering code for sensors with **cable!**
03, 05 = PVC, length 3 m or 5 m
PU-03, PU-05 = PUR, length 3 m or 5 m

Also available with metric M12×1 connector thread.
Ordering code:
BES 516-207-S 27-E
BES 516-208-S 27-E

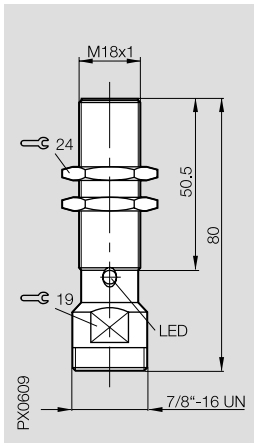
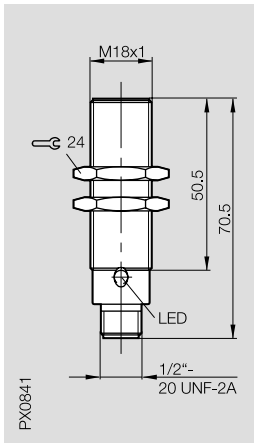
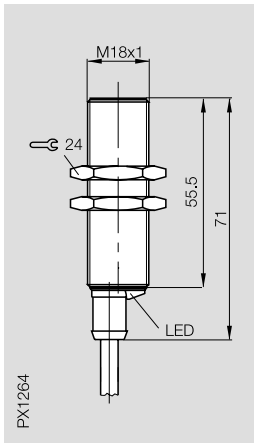
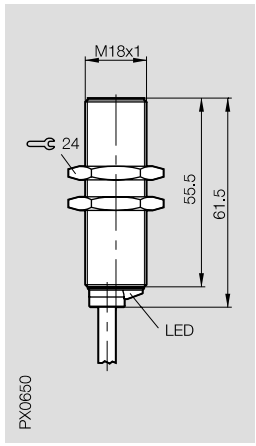
Current reduction as a function of ambient temperature



	M12×1	**M12×1**	**M12×1**		
	non-flush	non-flush	non-flush		
	4 mm	**4 mm**	**4 mm**		
	0...3.2 mm	0...3.2 mm	0...3.2 mm		
					
	BES 516-209-S 5-E	BES 516-209-S 21-E BES 516-210-S 21-E	BES 516-209-B0-E- BES 516-210-B0-E-		
	110 V AC	110 V AC	110 V AC		
	20...250 V AC/DC	20...250 V AC/DC	20...250 V AC/DC		
	≤ 11 V; ≤ 7.5 V dyn.	≤ 11 V; ≤ 7.5 V dyn.	≤ 11 V; ≤ 7.5 V dyn.		
	250 V AC	250 V AC	250 V AC		
	130 mA	130 mA	130 mA		
	5 mA	5 mA	5 mA		
	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC		
	≤ 0.7 A/≤ 0.5 Hz	≤ 0.7 A/≤ 0.5 Hz	≤ 0.7 A/≤ 0.5 Hz		
	yes	yes	yes		
	yes/yes	yes/yes	yes/yes		
	≤ 5 %	≤ 5 %	≤ 5 %		
	–25...+70 °C	–25...+70 °C	–25...+70 °C		
	≤ 600 Hz	≤ 600 Hz	≤ 600 Hz		
	AC 140/DC 13	AC 140/DC 13	AC 140/DC 13		
	yes	yes	yes		
	IP 67	IP 67	IP 67		
	with protection GND	with protection GND	⧈		
	stainless steel	stainless steel	stainless steel		
	PA 12	PA 12	PA 12		
	connector	connector	cable		
			2 × 0.34 mm²		
	cULus	cULus	cULus		
	BKS-S 5-AC	BKS-S 21/BKS-S 22			
		Also available with metric M12×1 connector thread. Ordering code: BES 516-209-S 27-E BES 516-210-S 27-E			

6

Connectors, clamps ... page 6.2 ...

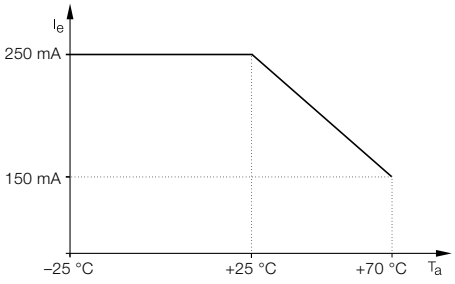
Housing size	**M18×1**	**M18×1**	**M18×1**	**M18×1**
Mounting	flush	flush	flush	flush
Rated operating distance s_n	**5 mm**	**5 mm**	**5 mm**	**5 mm**
Assured operating distance s_a	0...4.1 mm	0...4.1 mm	0...4.1 mm	0...4.1 mm
				
Normally-open ⑮ ⑰	BES 516-211-E5-E-S 5	BES 516-211-E5-E-S 21	BES 516-211-E6-E-	BES 516-211-E4-E-
Normally-closed ⑯ ⑱	BES 516-212-E5-E-S 5	BES 516-212-E5-E-S 21		BES 516-212-E4-E-
Rated operational voltage U_e	110 V AC	110 V AC	110 V AC	110 V AC
Supply voltage U_B	20...250 V AC/DC	20...250 V AC/DC	20...250 V AC/DC	20...250 V AC/DC
Voltage drop U_d at I_e	≤ 11 V; ≤ 7.5 V dyn.	≤ 11 V; ≤ 7.5 V dyn.	≤ 11 V; ≤ 7.5 V dyn.	≤ 11 V; ≤ 7.5 V dyn.
Rated insulation voltage U_i	250 V AC	250 V AC	250 V AC	250 V AC
Rated operational current I_e	250 mA	250 mA	250 mA	250 mA
Minimum operational current I_m	5 mA	5 mA	5 mA	5 mA
Off-state current I_r	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC
Inrush current I_k t ≤ 20 ms	≤ 1.5 A/≤ 1 Hz	≤ 1.5 A/≤ 1 Hz	≤ 1.5 A/≤ 1 Hz	≤ 1.5 A/≤ 1 Hz
Protected against polarity reversal	yes	yes	yes	yes
Short circuit protected/overload protected	yes/yes	yes/yes	yes/yes	yes/yes
Repeat accuracy R	≤ 5 %	≤ 5 %	≤ 5 %	≤ 5 %
Ambient temperature range T_a	–25...+70 °C	–25...+70 °C	–25...+70 °C	–25...+70 °C
Frequency of operating cycles f	≤ 400 Hz	≤ 400 Hz	≤ 400 Hz	≤ 250 Hz
Utilization categories	AC 140/DC 13	AC 140/DC 13	AC 140/DC 13	AC 140/DC 13
Function indication	yes	yes	yes	yes
Degree of protection per IEC 60529	IP 67	IP 67	IP 67	IP 67
Insulation class	with protection GND	with protection GND	⧈	⧈
Housing material	CuZn nickel plated	CuZn nickel plated	CuZn nickel plated	CuZn nickel plated
Material of sensing face	PA 12	PA 12	PA 12	PA 12
Connection	connector	connector	cable	cable
No. of wires × conductor cross section			2 × 0.34 mm²	2 × 0.34 mm²
Approval	cULus	cULus	cULus	cULus
Recommended connector	BKS-S 5-AC	BKS-S 21/BKS-S 22		

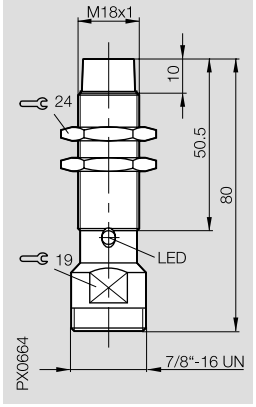
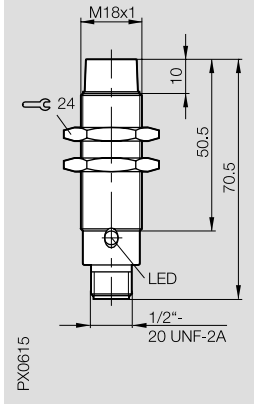
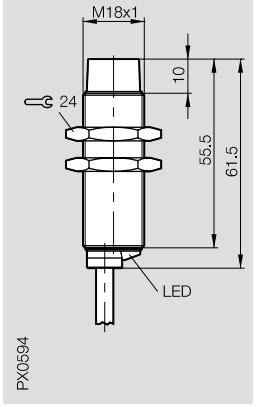
⑮ Connection diagrams see page **1.0.**12

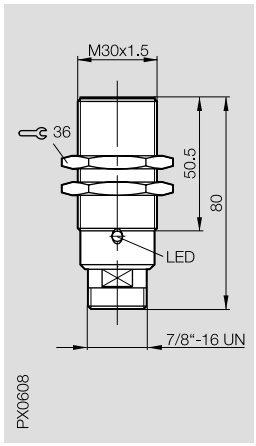
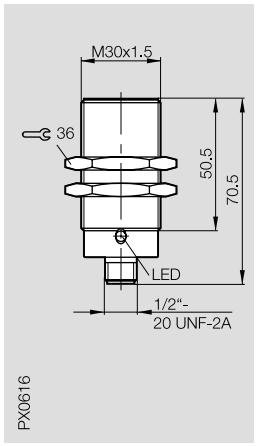
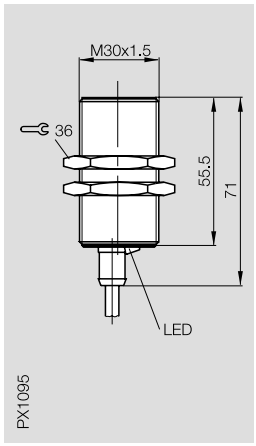
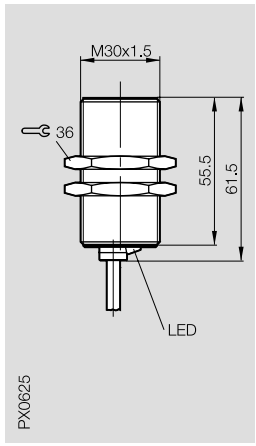
Please add the cable length to the ordering code for sensors with **cable!**
03, 05 = PVC, length 3 m or 5 m
PU-03, PU-05 = PUR, length 3 m or 5 m

Also available with metric M12×1 connector thread.
Ordering code:
BES 516-211-E5-E-S 27
BES 516-212-E5-E-S 27

Current reduction as a function of ambient temperature



	M18×1	**M18×1**	**M18×1**		
	non-flush	non-flush	non-flush		
	8 mm	**8 mm**	**8 mm**		
	0...6.5 mm	0...6.5 mm	0...6.5 mm		
					
	BES 516-213-E5-E-S 5 BES 516-214-E5-E-S 5	BES 516-213-E5-E-S 21 BES 516-214-E5-E-S 21	BES 516-213-E4-E- BES 516-214-E4-E-		
	110 V AC	110 V AC	110 V AC		
	20...250 V AC/DC	20...250 V AC/DC	20...250 V AC/DC		
	≤ 11 V; ≤ 7.5 V dyn.	≤ 11 V; ≤ 7.5 V dyn.	≤ 11 V; ≤ 7.5 V dyn.		
	250 V AC	250 V AC	250 V AC		
	250 mA	250 mA	250 mA		
	5 mA	5 mA	5 mA		
	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC		
	≤ 1.5 A/≤ 1 Hz	≤ 1.5 A/≤ 1 Hz	≤ 1.5 A/≤ 1 Hz		
	yes	yes	yes		
	yes/yes	yes/yes	yes/yes		
	≤ 5 %	≤ 5 %	≤ 5 %		
	–25...+70 °C	–25...+70 °C	–25...+70 °C		
	≤ 250 Hz	≤ 250 Hz	≤ 250 Hz		
	AC 140/DC 13	AC 140/DC 13	AC 140/DC 13		
	yes	yes	yes		
	IP 67	IP 67	IP 67		
	with protection GND	with protection GND	⧈		
	CuZn nickel plated	CuZn nickel plated	CuZn nickel plated		
	PA 12	PA 12	PA 12		
	connector	connector	cable		
			2 × 0.34 mm²		
	cULus	cULus	cULus		
	BKS-S 5-AC	BKS-S 21/BKS-S 22			
		Also available with metric M12×1 connector thread. Ordering code: BES 516-213-E5-E-S 27 BES 516-214-E5-E-S 27			

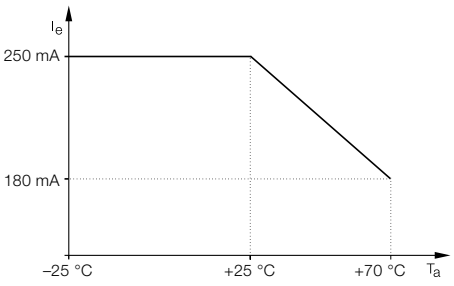
Housing size	**M30×1.5**	**M30×1.5**	**M30×1.5**	**M30×1,5**
Mounting	flush	flush	flush	flush
Rated operating distance s_n	**10 mm**	**10 mm**	**10 mm**	**10 mm**
Assured operating distance s_a	0...8.1 mm	0...8.1 mm	0...8.1 mm	0...8.1 mm
				
Normally-open ⑮ ⑰	BES 516-215-E5-E-S 5	BES 516-215-E5-E-S 21	BES 516-215-E6-E-	BES 516-215-E4-E-
Normally-closed ⑯ ⑱	BES 516-216-E5-E-S 5	BES 516-216-E5-E-S 21		BES 516-216-E4-E-
Rated operational voltage U_e	110 V AC	110 V AC	110 V AC	110 V AC
Supply voltage U_B	20...250 V AC/DC	20...250 V AC/DC	20...250 V AC/DC	20...250 V AC/DC
Voltage drop U_d at I_e	≤ 11 V; ≤ 7.5 V dyn.	≤ 11 V; ≤ 7.5 V dyn.	≤ 11 V; ≤ 7.5 V dyn.	≤ 11 V; ≤ 7.5 V dyn.
Rated insulation voltage U_i	250 V AC	250 V AC	250 V AC	250 V AC
Rated operational current I_e	250 mA	250 mA	250 mA	250 mA
Minimum operational current I_m	5 mA	5 mA	5 mA	5 mA
Off-state current I_r	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC
Inrush current I_k t ≤ 20 ms	≤ 3 A/≤ 1 Hz	≤ 3 A/≤ 1 Hz	≤ 3 A/≤ 1 Hz	≤ 3 A/≤ 1 Hz
Protected against polarity reversal	yes	yes	yes	yes
Short circuit protected/overload protected	yes/yes	yes/yes	yes/yes	yes/yes
Repeat accuracy R	≤ 10 %	≤ 10 %	≤ 10 %	≤ 10 %
Ambient temperature range T_a	–25...+70 °C	–25...+70 °C	–25...+70 °C	–25...+70 °C
Frequency of operating cycles f	≤ 150 Hz	≤ 150 Hz	≤ 150 Hz	≤ 150 Hz
Utilization categories	AC 140/DC 13	AC 140/DC 13	AC 140/DC 13	AC 140/DC 13
Function indication	yes	yes	yes	yes
Degree of protection per IEC 60529	IP 67	IP 67	IP 67	IP 67
Insulation class	with protection GND	with protection GND	⧈	⧈
Housing material	CuZn nickel plated	CuZn nickel plated	CuZn nickel plated	CuZn nickel plated
Material of sensing face	PA 12	PA 12	PA 12	PA 12
Connection	connector	connector	cable	cable
No. of wires × conductor cross section			2 × 0.34 mm²	2 × 0.34 mm²
Approval	cULus	cULus	cULus	cULus
Recommended connector	BKS-S 5-AC	BKS-S 21/BKS-S 22		

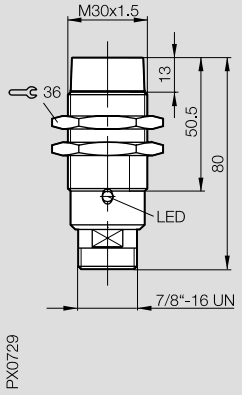
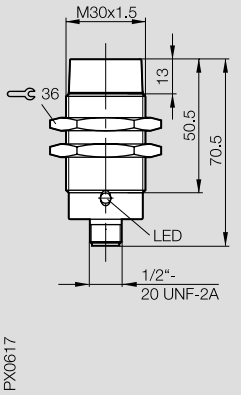
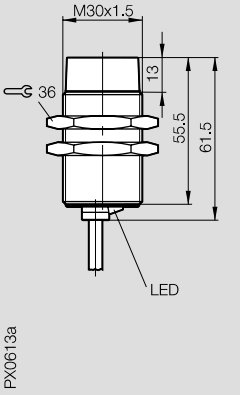
⑮ Connection diagrams see page **1.0.**12

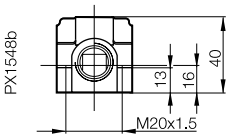
Please add the cable length to the ordering code for sensors with **cable!**
03, 05 = PVC, length 3 m or 5 m
PU-03, PU-05 = PUR, length 3 m or 5 m

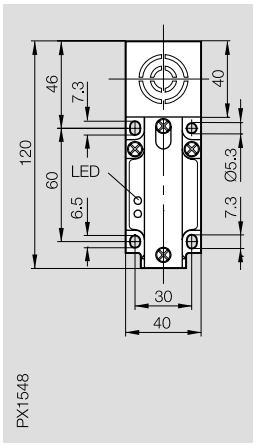
Also available with metric M12×1 connector thread.
Ordering code:
BES 516-215-E5-E-S 27
BES 516-216-E5-E-S 27

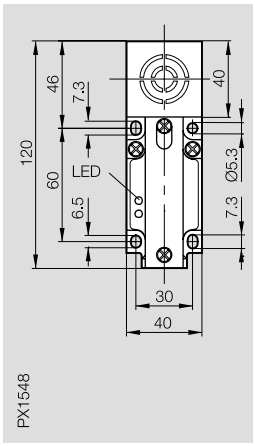
Current reduction as a function of ambient temperature

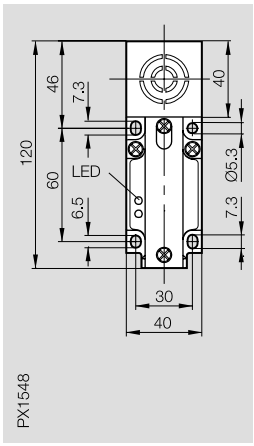


	M30×1.5	**M30×1.5**	**M30×1,5**		
	non-flush	non-flush	non-flush		
	15 mm	**15 mm**	**15 mm**		
	0...12.2 mm	0...12.2 mm	0...12.2 mm		
					
	BES 516-217-E5-E-S 5 BES 516-218-E5-E-S 5	BES 516-217-E5-E-S 21 BES 516-218-E5-E-S 21	BES 516-217-E4-E- BES 516-218-E4-E-		
	110 V AC	110 V AC	110 V AC		
	20...250 V AC/DC	20...250 V AC/DC	20...250 V AC/DC		
	≤ 11 V; ≤ 7.5 V dyn.	≤ 11 V; ≤ 7.5 V dyn.	≤ 11 V; ≤ 7.5 V dyn.		
	250 V AC	250 V AC	250 V AC		
	250 mA	250 mA	250 mA		
	5 mA	5 mA	5 mA		
	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC		
	≤ 3 A/≤ 1 Hz	≤ 3 A/≤ 1 Hz	≤ 3 A/≤ 1 Hz		
	yes	yes	yes		
	yes/yes	yes/yes	yes/yes		
	≤ 10 %	≤ 10 %	≤ 10 %		
	–25...+70 °C	–25...+70 °C	–25...+70 °C		
	≤ 100 Hz	≤ 100 Hz	≤ 100 Hz		
	AC 140/DC 13	AC 140/DC 13	AC 140/DC 13		
	yes	yes	yes		
	IP 67	IP 67	IP 67		
	with protection GND	with protection GND	⧈		
	CuZn nickel plated	CuZn nickel plated	CuZn nickel plated		
	PA 12	PA 12	PA 12		
	connector	connector	cable		
			2 × 0.34 mm²		
	cULus	cULus	cULus		
	BKS-S 5-AC	BKS-S 21/BKS-S 22			
		Also available with metric M12×1 connector thread. Ordering code: BES 516-217-E5-E-S 27 BES 516-218-E5-E-S 27			









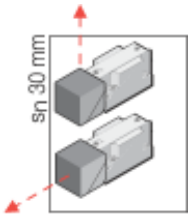
Programmable Unisensor

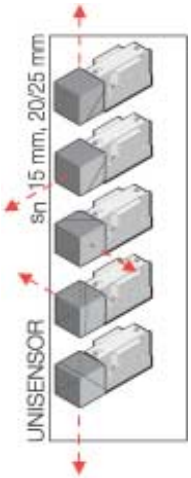
Unisensors can be configured for normally-open or normally-closed function using a reversable contact.

Unisensors are also available with a metal base and 1/2"-NPT thread. For this replace the **M** with a **U** in the ordering code.

Housing size	**40×40×120** Unisensor	**40×40×120** Unisensor	**40×40×120** Unisensor
Mounting	flush	non-flush	non-flush
Rated operating distance s_n	**15 mm**	**mount. dependent 20/25 mm**	**30 mm**
Assured operating distance s_a	0...12.2 mm	0...16.2 mm, 0...20.3 mm	0...24.3 mm
Normally-open/normally-closed programmable ⑮⑯	BES 517-223-M3-E	BES 517-223-M4-E	BES 517-223-M5-E
Rated operational voltage U_e	110 V AC	110 V AC	110 V AC
Supply voltage U_B	20...250 V AC/DC	20...250 V AC/DC	20...250 V AC/DC
Voltage drop U_d at I_e	≤ 11.5 V; ≤ 7.5 V dyn.	≤ 11.5 V; ≤ 7.5 V dyn.	≤ 11.5 V; ≤ 7.5 V dyn.
Rated insulation voltage U_i	250 V AC	250 V AC	250 V AC
Rated operational current I_e	250 mA	250 mA	250 mA
Minimum operational current I_m	5 mA	5 mA	5 mA
Off-state current I_r	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC
Inrush current I_k t ≤ 20 ms	≤ 1 A/≤ 1 Hz	≤ 1 A/≤ 1 Hz	≤ 1 A/≤ 1 Hz
Protected against polarity reversal	yes	yes	yes
Short circuit protected/overload protected	yes/yes	yes/yes	yes/yes
Repeat accuracy R	≤ 5 %	≤ 5 %	≤ 5 %
Ambient temperature range T_a	–25...+70 °C	–25...+70 °C	–25...+70 °C
Frequency of operating cycles f	≤ 100 Hz	≤ 100 Hz	≤ 100 Hz
Utilization categories	AC 140/DC 13	AC 140/DC 13	AC 140/DC 13
Function indication	yes	yes	yes
Degree of protection per IEC 60529	IP 67	IP 67	IP 67
Insulation class	⧈	⧈	⧈
Housing material	PBT	PBT	PBT
Material of sensing face	PBT	PBT	PBT
Connection	screw terminals	screw terminals	screw terminals
Max. cross section for connection	≤ 2.5 mm²	≤ 2.5 mm²	≤ 2.5 mm²
Approval	cULus	cULus	cULus
Mounting variations allowed	Figs. 1 to 6	s_n 20 mm Figs. 4 and 6 s_n 25 mm Figs. 3 and 5	Figs. 4 and 6

⑮ Connection diagrams see page **1.0.**12



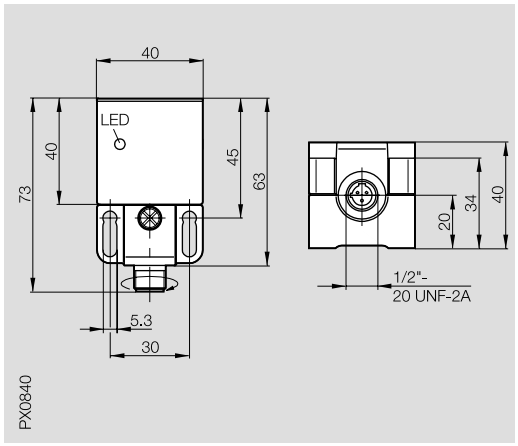


Mounting variations

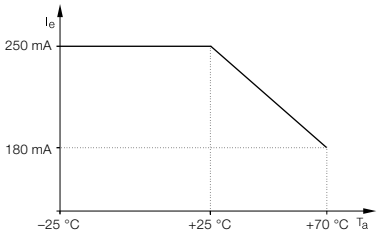
Fig. 1 Fig. 2 Fig. 3 Fig. 4 Fig. 5 Fig. 6

Row mounting
flush 80 mm
non-flush 120 mm

Housing size	**40×40×73** Unicompact	**40×40×73** Unicompact
Mounting	flush	non-flush
Rated operating distance s_n	**15 mm**	**mount. dependent 20/25 mm**
Assured operating distance s_a	0...12.2 mm	0...16.2/0...20.3 mm



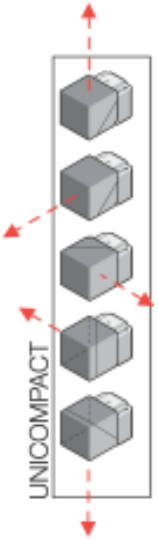
Current reduction as a function of ambient temperature for Unisensor and Unicompact



Unicompact sensors
are also available with a metric M12×1 connector thread.
For this replace **S21** with **S27** in the ordering code.

Normally-open	⑮	BES Q40KEU-USU15B-S21G	BES Q40KEU-USU25F-S21G
Normally-closed	⑯	BES Q40KEU-UOU15B-S21G	BES Q40KEU-UOU25F-S21G
Rated operational voltage U_e		110 V AC	110 V AC
Supply voltage U_B		20...250 V AC/DC	20...250 V AC/DC
Voltage drop U_d at I_e		≤ 11 V; ≤ 7.5 V dyn.	≤ 11 V; ≤ 7.5 V dyn.
Rated insulation voltage U_i		250 V AC	250 V AC
Rated operational current I_e		250 mA	250 mA
Minimum operational current I_m		5 mA	5 mA
Off-state current I_r		≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC
Inrush current I_k t ≤ 20 ms		≤ 2 A/≤ 1 Hz	≤ 2 A/≤ 1 Hz
Protected against polarity reversal		yes	yes
Short circuit protected/overload protected		yes/yes	yes/yes
Repeat accuracy R		≤ 5 %	≤ 5 %
Ambient temperature range T_a		–25...+70 °C	–25...+70 °C
Frequency of operating cycles f		100 Hz	100 Hz
Utilization categories		AC 140/DC 13	AC 140/DC 13
Function indication		yes	yes
Degree of protection per IEC 60529		IP 67	IP 67
Insulation class		with protection GND	with protection GND
Housing material		PBT/GD-ZnAl	PBT/GD-ZnAl
Material of sensing face		PBT	PBT
Connection		connector	connector
Recommended connector		BKS-S 21/BKS-S 22	BKS-S 21/BKS-S 22
Mounting variations allowed		Figs. 1 to 5	s_n 20 mm Fig. 4 s_n 25 mm Figs. 3 and 5

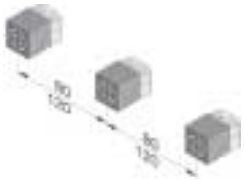
⑮ Connection diagrams see page **1.0.**12



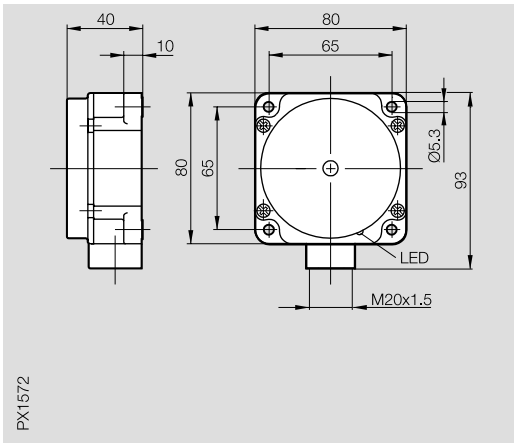
Mounting variations

Fig. 1 Fig. 2 Fig. 3 Fig. 4 Fig. 5

Row mounting
flush 80 mm
non-flush 120 mm



Housing size	**80×80×40** Maxisensor	**80×80×40** Maxisensor
Mounting	non-flush	non-flush
Rated operating distance s_n	**40 mm**	**50 mm**
Assured operating distance s_a	0...32.4 mm	0...40.5 mm



Programmable Maxisensor

Maxisensors can be configured for normally-open or normally-closed function using a reversable contact.

Maxisensors are also available with a metal base and 1/2"-NPT thread. For this replace the **M** with a **U** in the ordering code.

Normally-open/normally-closed programmable ⑮⑯	BES 517-224-M4-E	BES 517-224-M5-E
Rated operational voltage U_e	110 V AC	110 V AC
Supply voltage U_B	20...250 V AC/DC	20...250 V AC/DC
Voltage drop U_d at I_e	≤ 11 V; ≤ 7.5 V dyn.	≤ 11 V; ≤ 7.5 V dyn.
Rated insulation voltage U_i	250 V AC	250 V AC
Rated operational current I_e	250 mA	250 mA
Minimum operational current I_m	5 mA	5 mA
Off-state current I_r	≤ 1.7 mA at 110 V AC	≤ 1.7 mA at 110 V AC
Inrush current I_k t ≤ 20 ms	≤ 1 A/≤ 1 Hz	≤ 1 A/≤ 1 Hz
Protected against polarity reversal	yes	yes
Short circuit protected/overload protected	yes/yes	yes/yes
Repeat accuracy R	≤ 5 %	≤ 5 %
Ambient temperature range T_a	–25...+70 °C	–25...+70 °C
Frequency of operating cycles f	≤ 10 Hz	≤ 10 Hz
Utilization categories	AC 140/DC 13	AC 140/DC 13
Function indication	yes	yes
Degree of protection per IEC 60529	IP 67	IP 67
Insulation class	⧈	⧈
Housing material	PBT	PBT
Material of sensing face	PBT	PBT
Connection	screw terminals	screw terminals
Max. cross section for connection	≤ 2.5 mm²	≤ 2.5 mm²
Approval	cULus	cULus
Mounting variations allowed	Figs. 1 and 2	Fig. 2

⑮ Connection diagrams see page **1.0.**12

Mounting in non-ferrous metals

Fig. 1

Mounting in steel/ non-ferrous metals

Fig. 2