EASY INSTALLATION AND HIGH SWITCHING FREQUENCY

2-WIRE

INDUCTIVE SENSORS

KEY ADVANTAGES

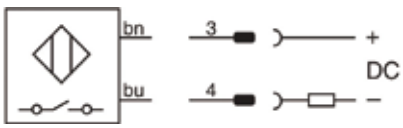
- ✓ Two-wire sensors for series connection
- ✓ Sizes from Ø 3 mm to M30 and 5 x 5 mm
- ✓ DC and AC/DC types
- ✓ NAMUR types with switching frequencies up to 10,000 Hz

RANGE OVERVIEW	Housing size	Classics
2-WIRE	Ø 3 mm	p. 103
	M4	p. 103
	Ø 4 mm	p. 104
	M5	p. 105
	C5	p. 105
	Ø 6.5 mm	p. 106, 110
	M8	p. 107, 110-113
	M12	p. 107, 114-119
	M18	p. 108, 119-123
	M30	p. 109, 124-127

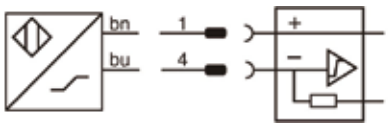
INDUCTIVE

WIRING DIAGRAMS

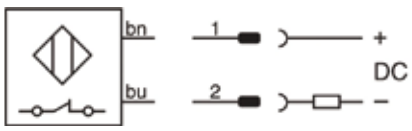
2-wire DC NO



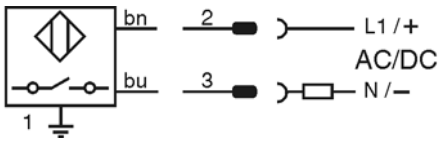
NAMUR



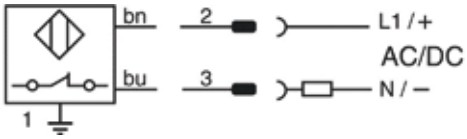
2-wire DC NC



2-wire AC/DC NO



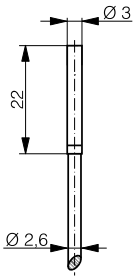
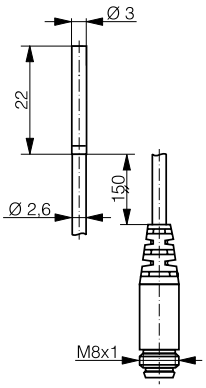
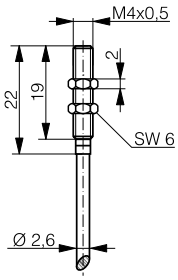
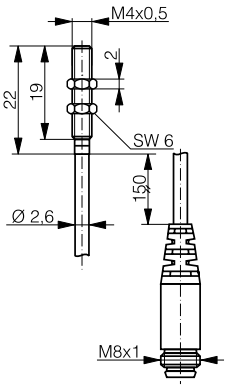
2-wire AC/DC NC



DATA

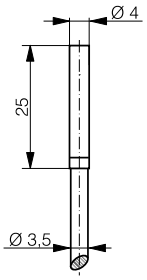
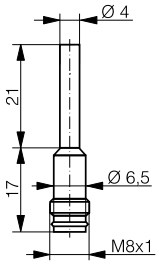
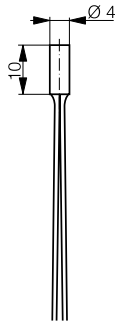
Housing material
Connection
Degree of protection
Mounting
Max. switching frequency
Supply voltage range
Ambient temperature range
Output current
NAMUR
Other types available
* damped / non-damped

2-WIRE

CLASSICS	CLASSICS	CLASSICS	CLASSICS
Ø 3	Ø 3	M4	M4
0.6	0.6	0.6	0.6
			
NAMUR	**NAMUR**	**NAMUR**	**NAMUR**
Stainless steel V2A	Stainless steel V2A	Stainless steel V2A	Stainless steel V2A
PUR cable	PUR cable / Connector S8	PUR cable	PUR cable / Connector S8
IP 67	IP 67	IP 67	IP 67
Embeddable	Embeddable	Embeddable	Embeddable
10,000 Hz	10,000 Hz	10,000 Hz	10,000 Hz
7.7 ... 9 VDC	7.7 ... 9 VDC	7.7 ... 9 VDC	7.7 ... 9 VDC
-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
≤ 1 / ≥ 2.2 mA*	≤ 1 / ≥ 2.2 mA*	≤ 1 / ≥ 2.2 mA*	≤ 1 / ≥ 2.2 mA*
DW-AD-605-03	**DW-AS-605-03**	**DW-AD-605-M4**	**DW-AS-605-M4**

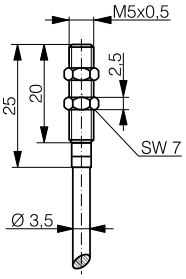
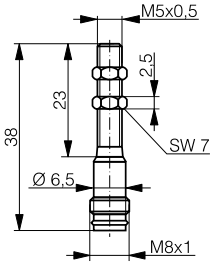
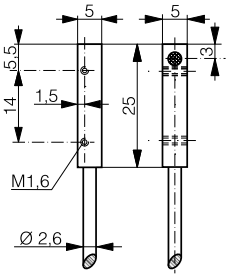
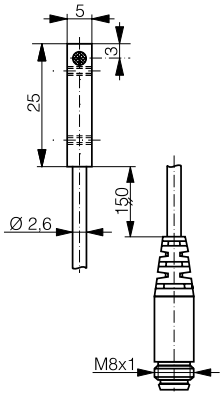
2-WIRE

INDUCTIVE

FAMILY	CLASSICS	CLASSICS	CLASSICS
HOUSING SIZE MM	Ø 4	Ø 4	Ø 4
OPERATING DISTANCE MM	0.8	0.8	0.8
			
	NAMUR	**NAMUR**	**NAMUR**

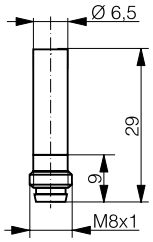
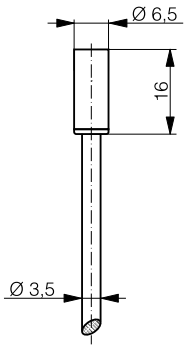
DATA			
Housing material	Stainless steel V2A	Stainless steel V2A	Stainless steel V2A
Connection	PVC cable	Connector S8	Single wires
Degree of protection	IP 67	IP 67	IP 67
Mounting	Embeddable	Embeddable	Embeddable
Max. switching frequency	10,000 Hz	10,000 Hz	10,000 Hz
Supply voltage range	7.7 … 9 VDC	7.7 … 9 VDC	7.7 … 9 VDC
Ambient temperature range	-25 ... +70°C / -13 … +158°F	-25 ... +70°C / -13 … +158°F	-25 ... +70°C / -13 … +158°F
Output current	≤ 1 / ≥ 2.2 mA*	≤ 1 / ≥ 2.2 mA*	≤ 1 / ≥ 2.2 mA*
NAMUR	**DW-AD-605-04**	**DW-AS-605-04**	**DW-AD-605-04K**
Other types available			
* damped / non-damped			

2-WIRE

CLASSICS	CLASSICS	CLASSICS	CLASSICS
M5	M5	5 x 5	5 x 5
0.8	0.8	0.8	0.8
			
NAMUR	**NAMUR**	**NAMUR**	**NAMUR**
Stainless steel V2A	Stainless steel V2A	Chrome-plated brass	Chrome-plated brass
PVC cable	Connector S8	PUR cable	PUR cable / Connector S8
IP 67	IP 67	IP 67	IP 67
Embeddable	Embeddable	Embeddable	Embeddable
10,000 Hz	10,000 Hz	10,000 Hz	10,000 Hz
7.7 ... 9 VDC	7.7 ... 9 VDC	7.7 ... 9 VDC	7.7 ... 9 VDC
-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
≤ 1 / ≥ 2.2 mA*	≤ 1 / ≥ 2.2 mA*	≤ 1 / ≥ 2.2 mA*	≤ 1 / ≥ 2.2 mA*
DW-AD-605-M5	**DW-AS-605-M5**	**DW-AD-605-C5**	**DW-AS-605-C5**

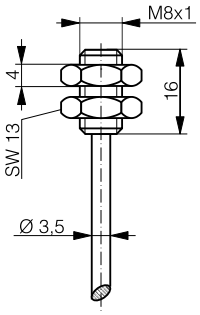
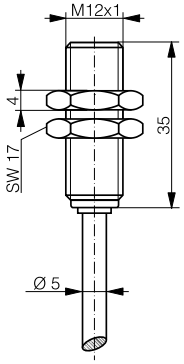
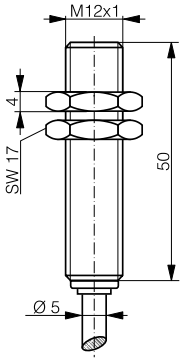
2-WIRE

INDUCTIVE

FAMILY	CLASSICS	CLASSICS
HOUSING SIZE MM	Ø 6.5	Ø 6.5
OPERATING DISTANCE MM	1.5	1.5
		
	NAMUR	**NAMUR**

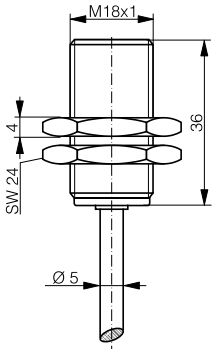
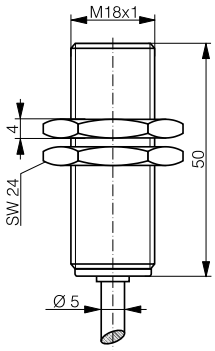
DATA		
Housing material	Stainless steel V2A	Stainless steel V2A
Connection	Connector S8	PVC cable
Degree of protection	IP 67	IP 67
Mounting	Embeddable	Embeddable
Max. switching frequency	10,000 Hz	10,000 Hz
Supply voltage range	7.7 … 9 VDC	7.7 … 9 VDC
Ambient temperature range	-25 ... +70°C / -13 … +158°F	-25 ... +70°C / -13 … +158°F
Output current	≤ 1 / ≥ 2.2 mA*	≤ 1 / ≥ 2.2 mA*
NAMUR	**DW-AS-605-065-129**	**DW-AD-605-065-120**
Other types available		
* damped / non-damped		

2-WIRE

CLASSICS	CLASSICS	CLASSICS
M8	M12	M12
1.5	2	2
		
NAMUR	**NAMUR**	**NAMUR**
Stainless steel V2A	Chrome-plated brass	Chrome-plated brass
PVC cable	PVC cable	PVC cable
IP 67	IP 67	IP 67
Embeddable	Embeddable	Embeddable
10,000 Hz	2500 Hz	2500 Hz
7.7 … 9 VDC	7.7 … 9 VDC	7.7 … 9 VDC
-25 ... +70°C / -13 … +158°F	-25 ... +70°C / -13 … +158°F	-25 ... +70°C / -13 … +158°F
≤ 1 / ≥ 2.2 mA*	≤ 1 / ≥ 2.2 mA*	≤ 1 / ≥ 2.2 mA*
DW-AD-605-M8-120	**DW-AD-605-M12-120**	**DW-AD-605-M12**
	Non-embeddable	Non-embeddable

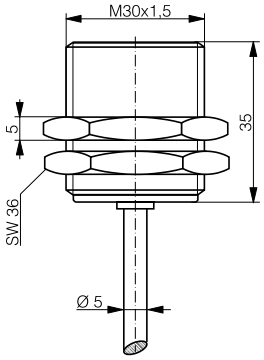
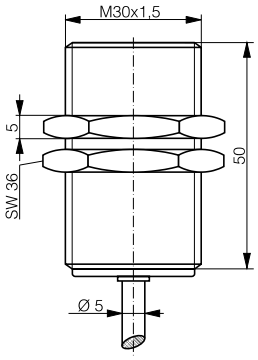
2-WIRE

INDUCTIVE

FAMILY	CLASSICS	CLASSICS
HOUSING SIZE	M18	M18
OPERATING DISTANCE MM	5	5
		
	NAMUR	**NAMUR**

DATA		
Housing material	Chrome-plated brass	Chrome-plated brass
Connection	PVC cable	PVC cable
Degree of protection	IP 67	IP 67
Mounting	Embeddable	Embeddable
Max. switching frequency	1000 Hz	10,000 Hz
Supply voltage range	7.7 … 9 VDC	7.7 … 9 VDC
Ambient temperature range	-25 ... +70°C / -13 … +158°F	-25 ... +70°C / -13 … +158°F
Output current	≤ 1 / ≥ 2.2 mA*	≤ 1 / ≥ 2.2 mA*
NAMUR	**DW-AD-605-M18-120**	**DW-AD-605-M18**
Other types available		
* damped / non-damped		

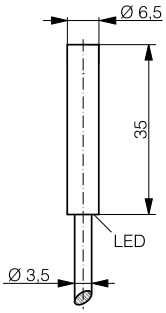
2-WIRE

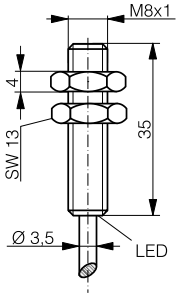
CLASSICS	CLASSICS
M30	M30
10	10
	
NAMUR	**NAMUR**
Chrome-plated brass	Chrome-plated brass
PVC cable	PVC cable
IP 67	IP 67
Embeddable	Embeddable
400 Hz	400 Hz
7.7 ... 9 VDC	7.7 ... 9 VDC
-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
≤ 1 / ≥ 2.2 mA*	≤ 1 / ≥ 2.2 mA*
DW-AD-605-M30-120	**DW-AD-605-M30**

2-WIRE

INDUCTIVE

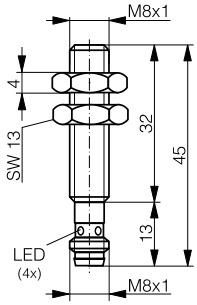
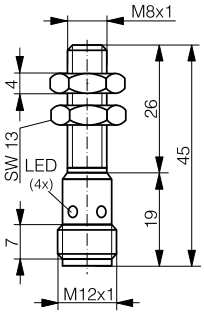
FAMILY	CLASSICS	CLASSICS
HOUSING SIZE MM	Ø 6.5	M8
OPERATING DISTANCE MM	1.5	1.5





DATA		
Housing material	Stainless steel V2A	Stainless steel V2A
Connection	PVC cable	PVC cable
Degree of protection	IP 67	IP 67
Mounting	Embeddable	Embeddable
Max. switching frequency	5000 Hz	5000 Hz
Supply voltage range	10 … 65 VDC	10 ... 65 VDC
Ambient temperature range	-25 ... +70°C / -13 … +158°F	-25 ... +70°C / -13 … +158°F
Output current	100 mA	≤ 100 mA
DC 2-wire NO	**DW-DD-605-065**	**DW-DD-605-M8**
DC 2-wire NC		DW-DD-606-M8
Other types available		

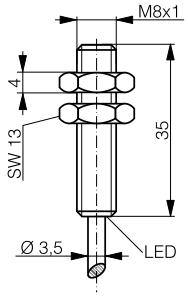
2-WIRE

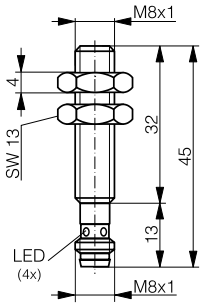
CLASSICS	CLASSICS
M8	M8
1.5	1.5
	
Stainless steel V2A	Stainless steel V2A
Connector S8	Connector S12
IP 67	IP 67
Embeddable	Embeddable
5000 Hz	5000 Hz
10 ... 65 VDC	10 ... 65 VDC
-25 ... +70°C / -13 … +158°F	-25 ... +70°C / -13 … +158°F
≤ 100 mA	≤ 100 mA
DW-DS-605-M8-001	**DW-DS-605-M8**
DW-DS-606-M8-001	DW-DS-606-M8

2-WIRE

INDUCTIVE

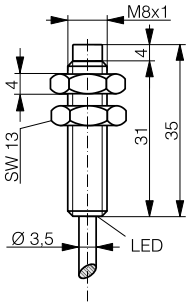
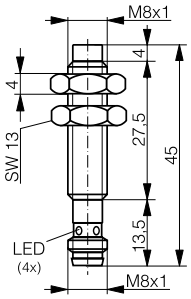
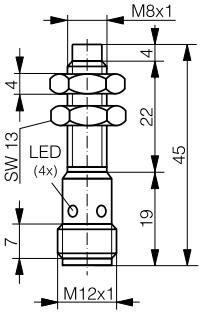
FAMILY	CLASSICS	CLASSICS
HOUSING SIZE	M8	M8
OPERATING DISTANCE MM	2	2





DATA		
Housing material	Stainless steel V2A	Stainless steel V2A
Connection	PVC cable	Connector S8
Degree of protection	IP 67	IP 67
Mounting	Embeddable	Embeddable
Max. switching frequency	5000 Hz	5000 Hz
Supply voltage range	10 ... 65 VDC	10 ... 65 VDC
Ambient temperature range	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
Output current	≤ 100 mA	≤ 100 mA
DC 2-wire NO	**DW-DD-625-M8**	**DW-DS-625-M8-001**
DC 2-wire NC	DW-DD-626-M8	DW-DS-626-M8-001
Other types available		

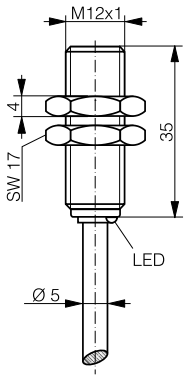
2-WIRE

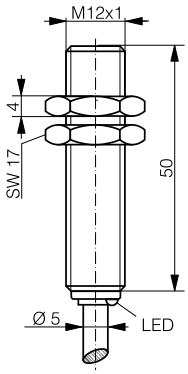
CLASSICS	CLASSICS	CLASSICS
M8	M8	M8
2.5	2.5	2.5
		
Stainless steel V2A	Stainless steel V2A	Stainless steel V2A
PVC cable	Connector S8	Connector S12
IP 67	IP 67	IP 67
Non-embeddable	Non-embeddable	Non-embeddable
5000 Hz	5000 Hz	5000 Hz
10 ... 65 VDC	10 ... 65 VDC	10 ... 65 VDC
-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
≤ 100 mA	≤ 100 mA	≤ 100 mA
DW-DD-615-M8	**DW-DS-615-M8-001**	**DW-DS-615-M8**
DW-DD-616-M8	DW-DS-616-M8-001	DW-DS-616-M8

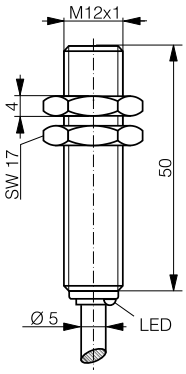
2-WIRE

INDUCTIVE

FAMILY	CLASSICS	CLASSICS	CLASSICS
HOUSING SIZE	M12	M12	M12
OPERATING DISTANCE MM	2	2	2

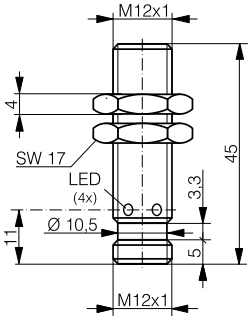
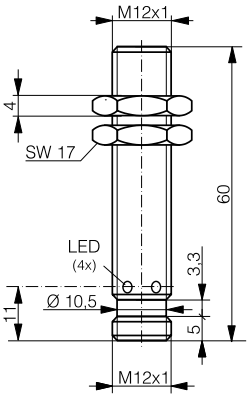
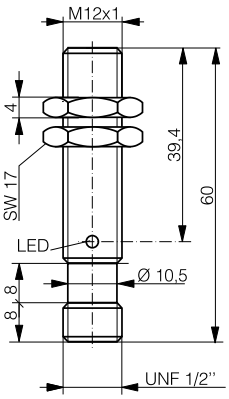
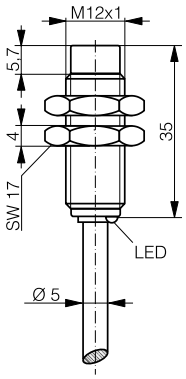






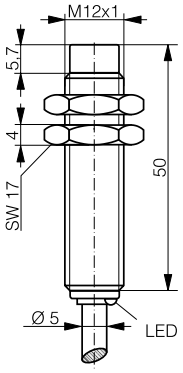
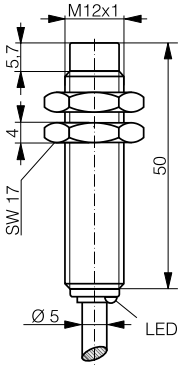
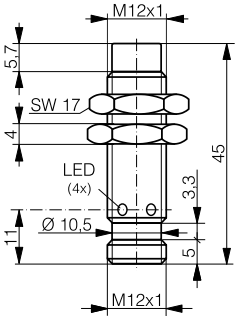
DATA			
Housing material	Chrome-plated brass	Chrome-plated brass	Chrome-plated brass
Connection	PVC cable	PVC cable	PVC cable
Degree of protection	IP 67	IP 67	IP 67
Mounting	Embeddable	Embeddable	Embeddable
Max. switching frequency	3000 Hz	3000 Hz	25 Hz (AC) / 3000 Hz (DC)
Supply voltage range	10 ... 65 VDC	10 ... 65 VDC	20 ... 265 VAC / 10 ... 320 VDC
Ambient temperature range	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
Output current	≤ 100 mA	≤ 100 mA	≤ 200 mA
DC 2-wire NO	**DW-DD-605-M12-120**	**DW-DD-605-M12**	
DC 2-wire NC	DW-DD-606-M12-120	DW-DD-606-M12	
AC/DC 2-wire NO			**DW-AD-607-M12**
AC/DC 2-wire NC			DW-AD-608-M12
Other types available			

2-WIRE

CLASSICS	CLASSICS	CLASSICS	CLASSICS
M12	M12	M12	M12
2	2	2	4
			
Chrome-plated brass	Chrome-plated brass	Chrome-plated brass	Chrome-plated brass
Connector S12	Connector S12	Connector 1/2”	PVC cable
IP 67	IP 67	IP 67	IP 67
Embeddable	Embeddable	Embeddable	Non-embeddable
3000 Hz	3000 Hz	25 Hz (AC) / 3000 Hz (DC)	2500 Hz
10 ... 65 VDC	10 ... 65 VDC	20 ... 265 VAC / 10 ... 320 VDC	10 ... 65 VDC
-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
≤ 100 mA	≤ 100 mA	≤ 200 mA	≤ 100 mA
DW-DS-605-M12-120	**DW-DS-605-M12**		**DW-DD-615-M12-120**
DW-DS-606-M12-120	DW-DS-606-M12		DW-DD-616-M12-120
		DW-AS-607-M12-069	

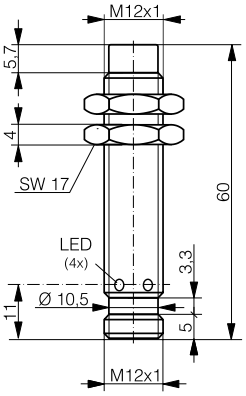
2-WIRE

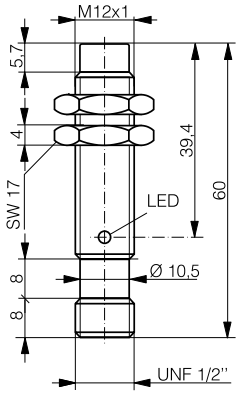
INDUCTIVE

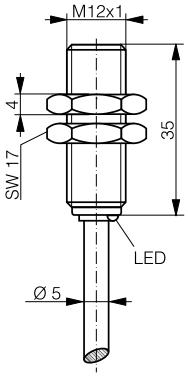
FAMILY	CLASSICS	CLASSICS	CLASSICS
HOUSING SIZE	M12	M12	M12
OPERATING DISTANCE MM	4	4	4
			
DATA			
Housing material	Chrome-plated brass	Chrome-plated brass	Chrome-plated brass
Connection	PVC cable	PVC cable	Connector S12
Degree of protection	IP 67	IP 67	IP 67
Mounting	Non-embeddable	Non-embeddable	Non-embeddable
Max. switching frequency	2500 Hz	25 Hz (AC) / 2000 Hz (DC)	2500 Hz
Supply voltage range	10 ... 65 VDC	20 ... 265 VAC / 10 ... 320 VDC	10 ... 65 VDC
Ambient temperature range	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
Output current	≤ 100 mA	≤ 200 mA	≤ 100 mA
DC 2-wire NO	**DW-DD-615-M12**		**DW-DS-615-M12-120**
DC 2-wire NC	DW-DD-616-M12		DW-DS-616-M12-120
AC/DC 2-wire NO		**DW-AD-617-M12**	
AC/DC 2-wire NC		DW-AD-618-M12	
Other types available			

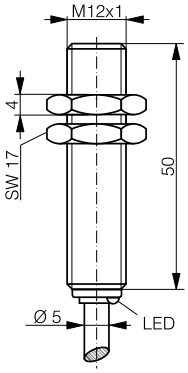
2-WIRE

CLASSICS	CLASSICS	CLASSICS	CLASSICS
M12	M12	M12	M12
4	4	4	4







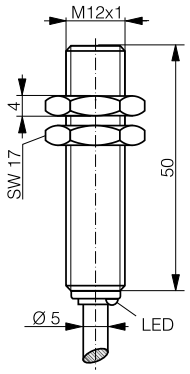


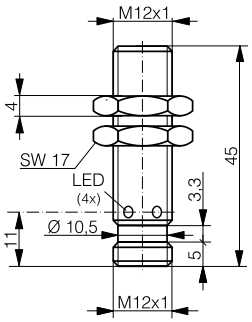
Chrome-plated brass	Chrome-plated brass	Chrome-plated brass	Chrome-plated brass
Connector S12	Connector 1/2”	PVC cable	PVC cable
IP 67	IP 67	IP 67	IP 67
Non-embeddable	Non-embeddable	Embeddable	Embeddable
2000 Hz	25 Hz (AC) / 2000 Hz (DC)	2000 Hz	2000 Hz
10 ... 65 VDC	20 ... 265 VAC / 10 ... 320 VDC	10 ... 65 VDC	10 ... 65 VDC
-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
≤ 100 mA	≤ 200 mA	≤ 100 mA	≤ 100 mA
DW-DS-615-M12		**DW-DD-625-M12-120**	**DW-DD-625-M12**
DW-DS-616-M12		DW-DD-626-M12-120	DW-DD-626-M12
	DW-AS-617-M12-069		
	DW-AS-618-M12-069		

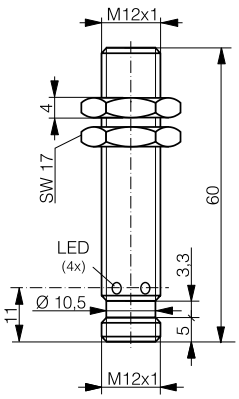
2-WIRE

INDUCTIVE

FAMILY	CLASSICS	CLASSICS	CLASSICS
HOUSING SIZE	M12	M12	M12
OPERATING DISTANCE MM	4	4	4

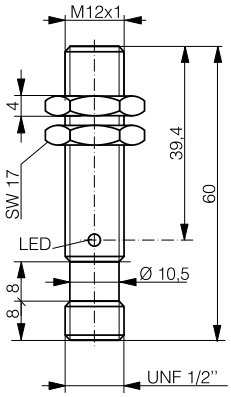
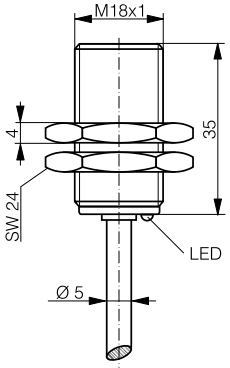
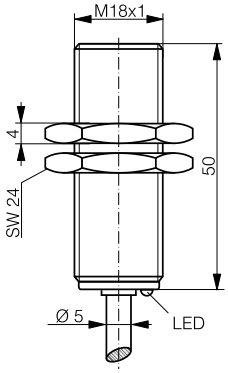
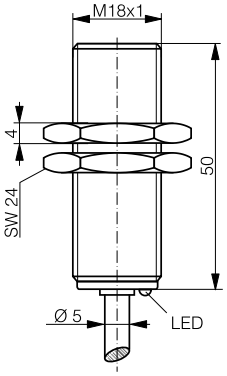






DATA			
Housing material	Chrome-plated brass	Chrome-plated brass	Chrome-plated brass
Connection	PVC cable	Connector S12	Connector S12
Degree of protection	IP 67	IP 67	IP 67
Mounting	Embeddable	Embeddable	Embeddable
Max. switching frequency	25 Hz (AC) / 2000 Hz (DC)	2000 Hz	2000 Hz
Supply voltage range	20 ... 265 VAC / 10 ... 320 VDC	10 ... 65 VDC	10 ... 65 VDC
Ambient temperature range	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
Output current	≤ 200 mA	≤ 100 mA	≤ 100 mA
DC 2-wire NO		**DW-DS-625-M12-120**	**DW-DS-625-M12**
DC 2-wire NC		DW-DS-626-M12-120	DW-DS-626-M12
AC/DC 2-wire NO	**DW-AD-627-M12**		
AC/DC 2-wire NC	DW-AD-628-M12		
Other types available			

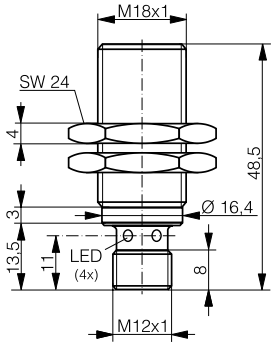
2-WIRE

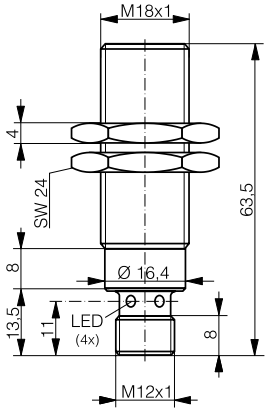
CLASSICS	CLASSICS	CLASSICS	CLASSICS
M12	M18	M18	M18
4	5	5	5
			
Chrome-plated brass	Chrome-plated brass	Chrome-plated brass	Chrome-plated brass
Connector 1/2”	PVC cable	PVC cable	PVC cable
IP 67	IP 67	IP 67	IP 67
Embeddable	Embeddable	Embeddable	Embeddable
25 Hz (AC) / 2000 Hz (DC)	1500 Hz	1500 Hz	25 Hz (AC) / 1500 Hz (DC)
20 ... 265 VAC / 10 ... 320 VDC	10 ... 65 VDC	10 ... 65 VDC	20 ... 265 VAC / 10 ... 320 VDC
-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
≤ 200 mA	≤ 100 mA	≤ 100 mA	≤ 200 mA
	DW-DD-605-M18-120	**DW-DD-605-M18**	
	DW-DD-606-M18-120	DW-DD-606-M18	
DW-AS-627-M12-069			**DW-AD-607-M18**
DW-AS-628-M12-069			DW-AD-608-M18

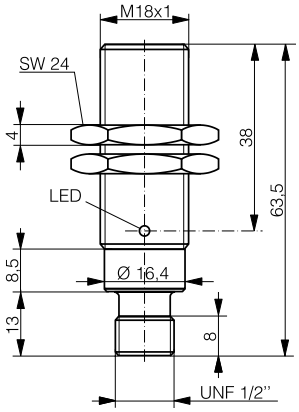
2-WIRE

INDUCTIVE

FAMILY	CLASSICS	CLASSICS	CLASSICS
HOUSING SIZE	M18	M18	M18
OPERATING DISTANCE MM	5	5	5

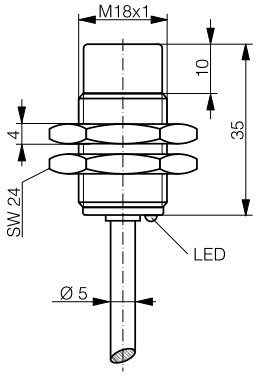
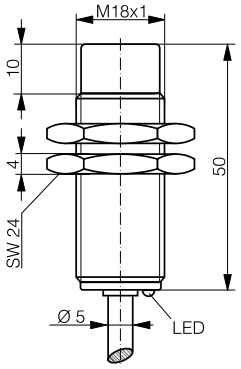
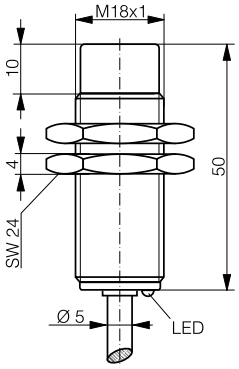
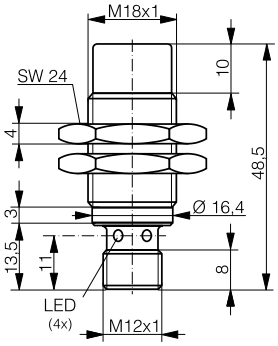






DATA			
Housing material	Chrome-plated brass	Chrome-plated brass	Chrome-plated brass
Connection	Connector S12	Connector S12	Connector 1/2"
Degree of protection	IP 67	IP 67	IP 67
Mounting	Embeddable	Embeddable	Embeddable
Max. switching frequency	1500 Hz	1500 Hz	25 Hz (AC) / 1500 Hz (DC)
Supply voltage range	10 ... 65 VDC	10 ... 65 VDC	20 ... 265 VAC / 10 ... 320 VDC
Ambient temperature range	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
Output current	≤ 100 mA	≤ 100 mA	≤ 200 mA
DC 2-wire NO	**DW-DS-605-M18-120**	**DW-DS-605-M18-002**	
DC 2-wire NC	DW-DS-606-M18-120	DW-DS-606-M18-002	
AC/DC 2-wire NO			**DW-AS-607-M18-069**
AC/DC 2-wire NC			DW-AS-608-M18-069
Other types available			

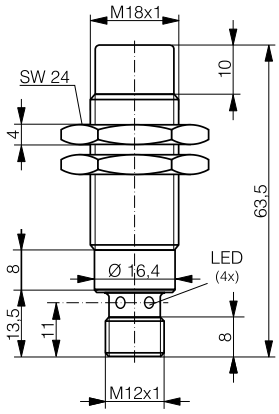
2-WIRE

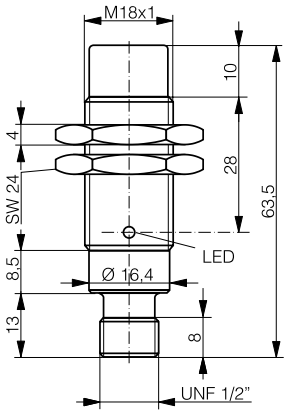
CLASSICS	CLASSICS	CLASSICS	CLASSICS
M18	M18	M18	M18
8	8	8	8
			
Chrome-plated brass	Chrome-plated brass	Chrome-plated brass	Chrome-plated brass
PVC cable	PVC cable	PVC cable	Connector S12
IP 67	IP 67	IP 67	IP 67
Non-embeddable	Non-embeddable	Non-embeddable	Non-embeddable
1200 Hz	1200 Hz	25 Hz (AC) / 1200 Hz (DC)	1200 Hz
10 ... 65 VDC	10 ... 65 VDC	20 ... 265 VAC / 10 ... 320 VDC	10 ... 65 VDC
-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
≤ 100 mA	≤ 100 mA	≤ 200 mA	≤ 100 mA
DW-DD-615-M18-120	**DW-DD-615-M18**		**DW-DS-615-M18-120**
DW-DD-616-M18-120	DW-DD-616-M18		DW-DS-616-M18-120
		DW-AD-617-M18	
		DW-AD-618-M18	

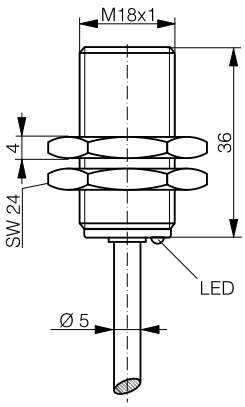
2-WIRE

INDUCTIVE

FAMILY	CLASSICS	CLASSICS	CLASSICS
HOUSING SIZE	M18	M18	M18
OPERATING DISTANCE MM	8	8	8

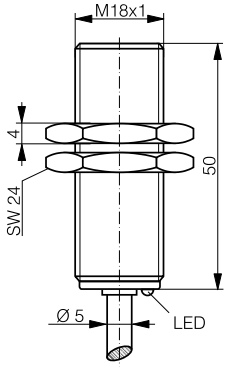
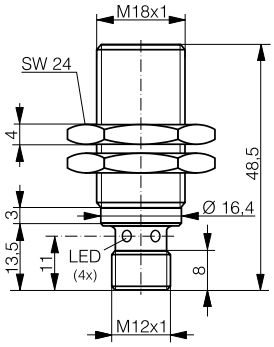
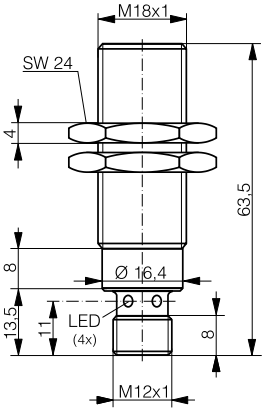






DATA			
Housing material	Chrome-plated brass	Chrome-plated brass	Chrome-plated brass
Connection	Connector S12	Connector 1/2”	PVC cable
Degree of protection	IP 67	IP 67	IP 67
Mounting	Non-embeddable	Non-embeddable	Quasi-embeddable
Max. switching frequency	1200 Hz	25 Hz (AC) / 1200 Hz (DC)	1000 Hz
Supply voltage range	10 ... 65 VDC	20 ... 265 VAC / 10 ... 320 VDC	10 ... 65 VDC
Ambient temperature range	-25 ... +70°C / -13 … +158°F	-25 ... +70°C / -13 … +158°F	-25 ... +70°C / -13 … +158°F
Output current	≤ 100 mA	≤ 200 mA	≤ 100 mA
DC 2-wire NO	**DW-DS-615-M18-002**		**DW-DD-625-M18-120**
DC 2-wire NC	DW-DS-616-M18-002		DW-DD-626-M18-120
AC/DC 2-wire NO		**DW-AS-617-M18-069**	
AC/DC 2-wire NC		DW-AS-618-M18-069	
Other types available			

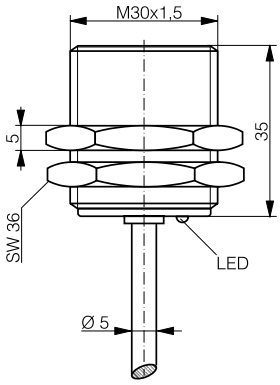
2-WIRE

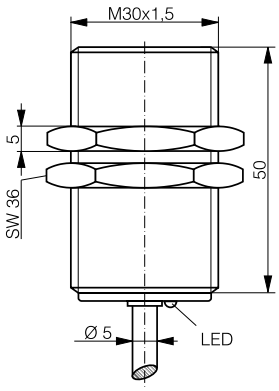
CLASSICS	CLASSICS	CLASSICS
M18	M18	M18
8	8	8
		
Chrome-plated brass	Chrome-plated brass	Chrome-plated brass
PVC cable	Connector S12	Connector S12
IP 67	IP 67	IP 67
Quasi-embeddable	Quasi-embeddable	Quasi-embeddable
1000 Hz	1000 Hz	1000 Hz
10 ... 65 VDC	10 ... 65 VDC	10 ... 65 VDC
-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
≤ 100 mA	≤ 100 mA	≤ 100 mA
DW-DD-625-M18	**DW-DS-625-M18-120**	**DW-DS-625-M18-002**
DW-DD-626-M18	DW-DS-626-M18-120	DW-DS-626-M18-002

2-WIRE

INDUCTIVE

FAMILY	CLASSICS	CLASSICS
HOUSING SIZE	M30	M30
OPERATING DISTANCE MM	10	10

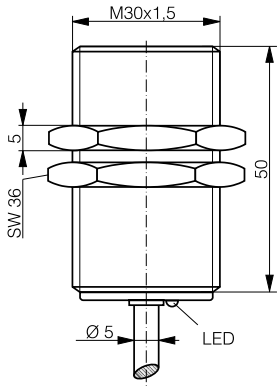


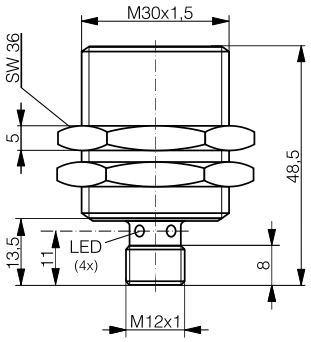


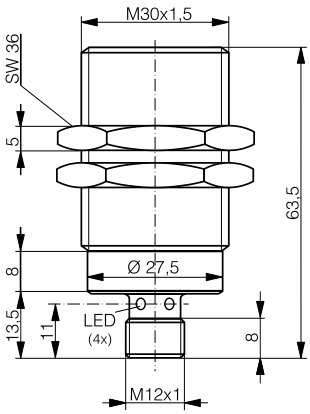
DATA		
Housing material	Chrome-plated brass	Chrome-plated brass
Connection	PVC cable	PVC cable
Degree of protection	IP 67	IP 67
Mounting	Embeddable	Embeddable
Max. switching frequency	600 Hz	600 Hz
Supply voltage range	10 ... 65 VDC	10 ... 65 VDC
Ambient temperature range	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
Output current	≤ 100 mA	≤ 100 mA
DC 2-wire NO	**DW-DD-605-M30-120**	**DW-DD-605-M30**
DC 2-wire NC	DW-DD-606-M30-120	DW-DD-606-M30
AC/DC 2-wire NO		
AC/DC 2-wire NC		
Other types available		

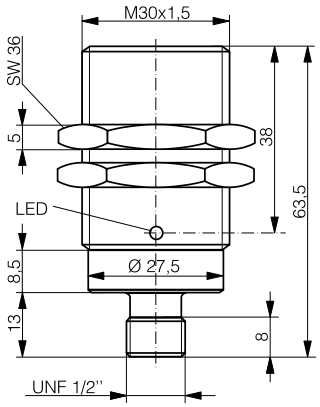
2-WIRE

CLASSICS	CLASSICS	CLASSICS	CLASSICS
M30	M30	M30	M30
10	10	10	10







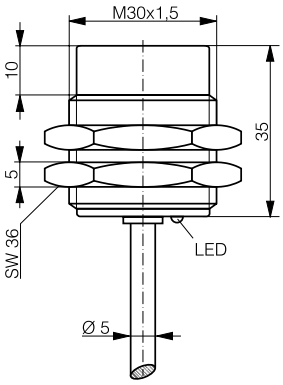


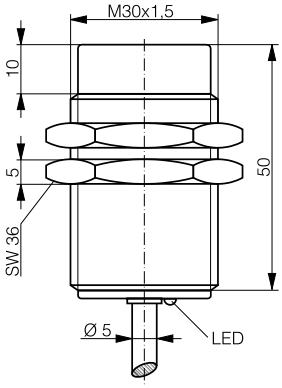
Chrome-plated brass	Chrome-plated brass	Chrome-plated brass	Chrome-plated brass
PVC cable	Connector S12	Connector S12	Connector 1/2”
IP 67	IP 67	IP 67	IP 67
Embeddable	Embeddable	Embeddable	Embeddable
25 Hz (AC) / 600 Hz (DC)	600 Hz	600 Hz	25 Hz (AC) / 600 Hz (DC)
20 ... 265 VAC / 10 ... 320 VDC	10 ... 65 VDC	10 ... 65 VDC	20 ... 265 VAC / 10 ... 320 VDC
-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
≤ 200 mA	≤ 100 mA	≤ 100 mA	≤ 200 mA
	DW-DS-605-M30-120	**DW-DS-605-M30-002**	
	DW-DS-606-M30-120	DW-DS-606-M30-002	
DW-AD-607-M30			**DW-AS-607-M30-069**
DW-AD-608-M30			DW-AS-608-M30-069

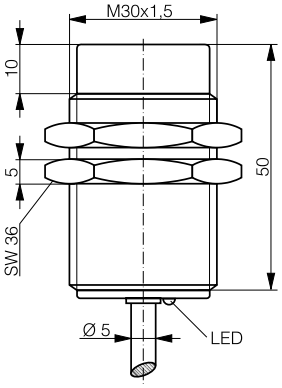
2-WIRE

INDUCTIVE

FAMILY	CLASSICS	CLASSICS	CLASSICS
HOUSING SIZE	M30	M30	M30
OPERATING DISTANCE MM	15	15	15

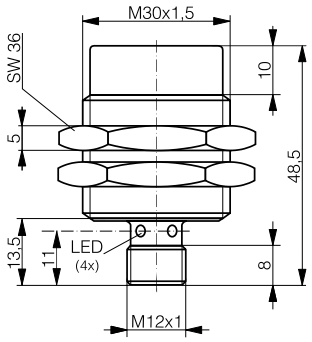
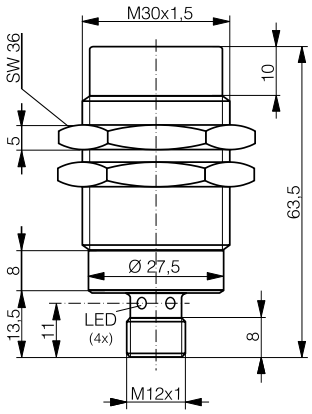
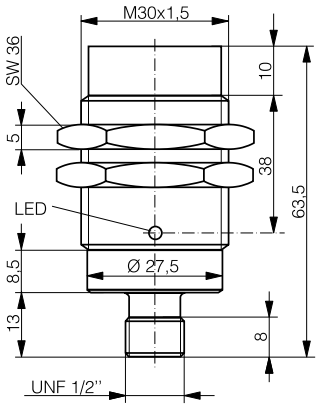






DATA			
Housing material	Chrome-plated brass	Chrome-plated brass	Chrome-plated brass
Connection	PVC cable	PVC cable	PVC cable
Degree of protection	IP 67	IP 67	IP 67
Mounting	Non-embeddable	Non-embeddable	Non-embeddable
Max. switching frequency	500 Hz	500 Hz	25 Hz (AC) / 500 Hz (DC)
Supply voltage range	10 ... 65 VDC	10 ... 65 VDC	20 ... 265 VAC / 10 ... 320 VDC
Ambient temperature range	-25 ... +70°C / -13 … +158°F	-25 ... +70°C / -13 … +158°F	-25 ... +70°C / -13 … +158°F
Output current	≤ 100 mA	≤ 100 mA	≤ 200 mA
DC 2-wire NO	**DW-DD-615-M30-120**	**DW-DD-615-M30**	
DC 2-wire NC	DW-DD-616-M30-120	DW-DD-616-M30	
AC/DC 2-wire NO			**DW-AD-617-M30**
AC/DC 2-wire NC			DW-AD-618-M30
Other types available			

2-WIRE

CLASSICS	CLASSICS	CLASSICS
M30	M30	M30
15	15	15
		
Chrome-plated brass	Chrome-plated brass	Chrome-plated brass
Connector S12	Connector S12	Connector 1/2”
IP 67	IP 67	IP 67
Non-embeddable	Non-embeddable	Non-embeddable
500 Hz	500 Hz	25 Hz (AC) / 500 Hz (DC)
10 ... 65 VDC	10 ... 65 VDC	20 ... 265 VAC / 10 ... 320 VDC
-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F
≤ 100 mA	≤ 100 mA	≤ 200 mA
DW-DS-615-M30-120	**DW-DS-615-M30-002**	
DW-DS-616-M30-120	DW-DS-616-M30-002	
		DW-AS-617-M30-069
		DW-AS-618-M30-069