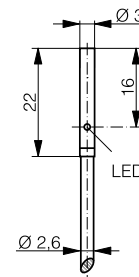
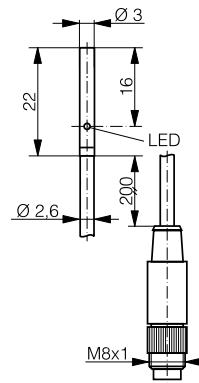
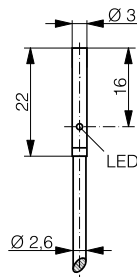


HOUSING SIZE	Ø 3		
OPERATING DISTANCE MM	0.6	0.6	1.0



INCREASED DISTANCE



- 1) Standard cable length 2 m. Non-standard cable lengths and types on request. Cable type see page 271.
- 2) see page 132
- 3) see page 133
- 4) see page 268

TECHNICAL DATA

Housing material	Stainless steel V2A	Stainless steel V2A	Stainless steel V2A
Connection ¹⁾	PUR cable type 1	PUR cable type 1 / Connector S8	PUR cable type 1
Degree of protection	IP 67	IP 67	IP 67
Mounting	Embeddable	Embeddable	Embeddable
Max. switching frequency	5,000 Hz	5,000 Hz	3,000 Hz
Additional technical data ²⁾	Table 1	Table 1	Table 1
Wiring ³⁾	Diagram 1	Diagram 1	Diagram 1
LED	Built-in	Built-in	Built-in
Supply voltage range	10 ... 30 VDC	10 ... 30 VDC	10 ... 30 VDC
Ambient temperature range	-25 ... +70 °C	-25 ... +70 °C	-25 ... +70 °C
Output current	≤ 100 mA	≤ 100 mA	≤ 100 mA
Approvals	CE, UL, RoHS	CE, UL, RoHS	CE, UL, RoHS

PART REFERENCES: (BOLD: PREFERRED TYPES)

NPN N.O.	DW-AD-301-03	DW-AV-301-03-276	DW-AD-621-03
NPN N.C.	DW-AD-302-03	DW-AV-302-03-276	DW-AD-622-03
PNP N.O.	DW-AD-303-03	DW-AV-303-03-276	DW-AD-623-03
PNP N.C.	DW-AD-304-03	DW-AV-304-03-276	DW-AD-624-03
Compatible connectors ⁴⁾		A, B	

Ø 3	M4		
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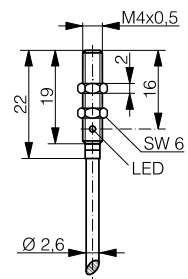
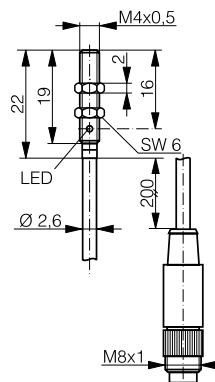
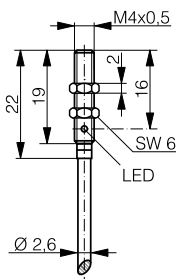
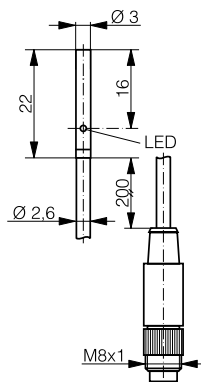
1.0	0.6	0.6	1.0
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INCREASED DISTANCE



INCREASED DISTANCE



Stainless steel V2A PUR cable type 1 / Connector S8	Stainless steel V2A PUR cable type 1	Stainless steel V2A PUR cable type 1 / Connector S8	Stainless steel V2A PUR cable type 1
IP 67	IP 67	IP 67	IP 67
Embeddable	Embeddable	Embeddable	Embeddable
3,000 Hz	5,000 Hz	5,000 Hz	3,000 Hz
Table 1	Table 1	Table 1	Table 1
Diagram 1	Diagram 1	Diagram 1	Diagram 1
Built-in	Built-in	Built-in	Built-in
10 ... 30 VDC	10 ... 30 VDC	10 ... 30 VDC	10 ... 30 VDC
-25 ... +70 °C	-25 ... +70 °C	-25 ... +70 °C	-25 ... +70 °C
≤ 100 mA	≤ 100 mA	≤ 100 mA	≤ 100 mA
CE, UL, RoHS	CE, UL, RoHS	CE, UL, RoHS	CE, UL, RoHS

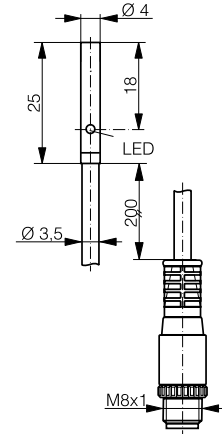
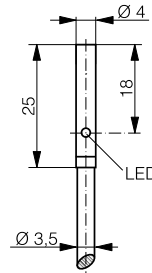
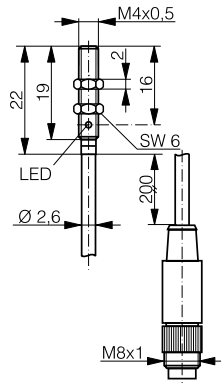
DW-AV-621-03-276	DW-AD-301-M4	DW-AV-301-M4-276	DW-AD-621-M4
DW-AV-622-03-276	DW-AD-302-M4	DW-AV-302-M4-276	DW-AD-622-M4
DW-AV-623-03-276	DW-AD-303-M4	DW-AV-303-M4-276	DW-AD-623-M4
DW-AV-624-03-276	DW-AD-304-M4	DW-AV-304-M4-276	DW-AD-624-M4
A, B		A, B	

- Inductive
- Photoelectric
- Optical fibers
- Ultrasonic
- Capacitive
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- Glossary
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HOUSING SIZE	M4	Ø 4	
OPERATING DISTANCE MM	1.0	0.8	0.8



INCREASED DISTANCE



- 1) Standard cable length 2 m. Non-standard cable lengths and types on request. Cable type see page 271.
- 2) see page 132
- 3) see page 133
- 4) see page 268

TECHNICAL DATA			
Housing material	Stainless steel V2A	Stainless steel V2A	Stainless steel V2A
Connection ¹⁾	PUR cable type 1 / Connector S8	PVC cable type 2	PVC cable type 2 / Connector S8
Degree of protection	IP 67	IP 67	IP 67
Mounting	Embeddable	Embeddable	Embeddable
Max. switching frequency	3,000 Hz	5,000 Hz	5,000 Hz
Additional technical data ²⁾	Table 1	Table 1	Table 1
Wiring ³⁾	Diagram 1	Diagram 1	Diagram 1
LED	Built-in	Built-in	Built-in
Supply voltage range	10 ... 30 VDC	10 ... 30 VDC	10 ... 30 VDC
Ambient temperature range	-25 ... +70 °C	-25 ... +70 °C	-25 ... +70 °C
Output current	≤ 100 mA	≤ 200 mA	≤ 200 mA
Approvals	CE, UL, RoHS	CE, UL, RoHS	CE, UL, RoHS

PART REFERENCES: (BOLD: PREFERRED TYPES)			
NPN N.O.	DW-AV-621-M4-276	DW-AD-401-04	
NPN N.C.	DW-AV-622-M4-276	DW-AD-402-04	
PNP N.O.	DW-AV-623-M4-276	DW-AD-403-04	DW-AV-403-04-236
PNP N.C.	DW-AV-624-M4-276	DW-AD-404-04	DW-AV-404-04-236
Compatible connectors ⁴⁾	A, B		A, B