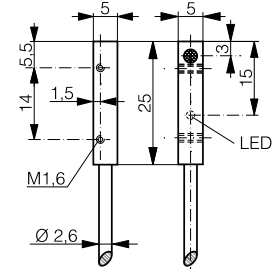
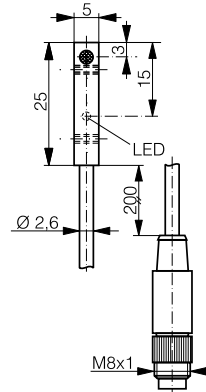
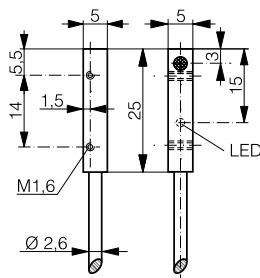


HOUSING SIZE	5 X 5		
--------------	-------	--	--

OPERATING DISTANCE MM	0.8	0.8	1.5
-----------------------	-----	-----	-----



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	Chrome-plated brass	Chrome-plated brass	Chrome-plated brass
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	≤ 200 mA	≤ 200 mA	≤ 200 mA
Approvals	CE, UL, RoHS	CE, UL, RoHS	CE, UL, RoHS

PART REFERENCES: (BOLD: PREFERRED TYPES)

NPN N.O.	DW-AD-401-C5	DW-AV-401-C5-276	DW-AD-621-C5
NPN N.C.	DW-AD-402-C5	DW-AV-402-C5-276	DW-AD-622-C5
PNP N.O.	DW-AD-403-C5	DW-AV-403-C5-276	DW-AD-623-C5
PNP N.C.	DW-AD-404-C5	DW-AV-404-C5-276	DW-AD-624-C5
Compatible connectors ⁴⁾		A, B	

5 X 5

Ø 6.5

1.5

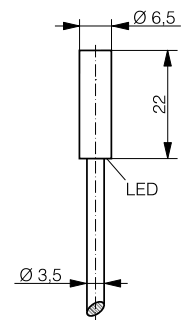
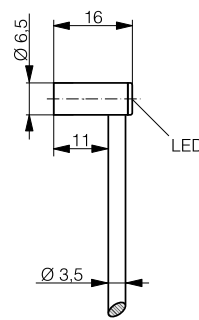
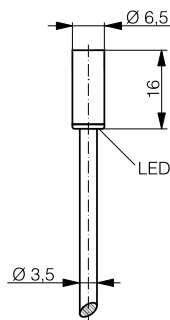
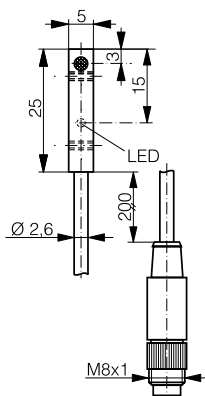
1.5

1.5

1.5



INCREASED DISTANCE



Chrome-plated brass	Stainless steel V2A	Stainless steel V2A	Stainless steel V2A
PUR cable type 1 / Connector S8	PVC cable type 2	PVC cable type 2	PVC cable type 2
IP 67	IP 67	IP 67	IP 67
Embeddable	Embeddable	Embeddable	Embeddable
3,000 Hz	5,000 Hz	5,000 Hz	5,000 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
≤ 200 mA	≤ 200 mA	≤ 200 mA	≤ 200 mA
CE, UL, RoHS	CE, UL, RoHS	CE, UL, RoHS	CE, CCC, UL, RoHS
DW-AV-621-C5-276	DW-AD-421-065	DW-AD-421-065-400	DW-AD-601-065-121
DW-AV-622-C5-276	DW-AD-422-065	DW-AD-422-065-400	DW-AD-602-065-121
DW-AV-623-C5-276	DW-AD-423-065	DW-AD-423-065-400	DW-AD-603-065-121
DW-AV-624-C5-276	DW-AD-424-065	DW-AD-424-065-400	DW-AD-604-065-121
A, B			

Inductive

Photoelectric

Optical fibers

Ultrasonic

Capacitive

Cables & connectors

Accessories

Glossary

Index