Size	M12		M12	
Operating distance mm	6	6	6	6
Housing material	Chrome-plated brass	Chrome-plated brass	Stainless steel V2A	Stainless steel V2A
Connection [1]	Connector S12	Connector S12	PUR cable type 11	Connector S12
Degree of protection	IP 67	IP 67	IP 68	IP 67
Mounting	Quasi-embeddable	Quasi-embeddable	Embeddable	Embeddable
Max. switching frequency	800 Hz	800 Hz	400 Hz	400 Hz
Technical data [2]	Table 1	Table 1	Table 1	Table 1
Wiring [3]	Diagram 2	Diagram 2	Diagram 1	Diagram 2
LED	Built-in	Built-in	Built-in	Built-in
Short-circuit protection	Built-in	Built-in	Built-in	Built-in
Polarity reversal protection	Built-in	Built-in	Built-in	Built-in
Power-on reset	Built-in	Built-in	Built-in	Built-in

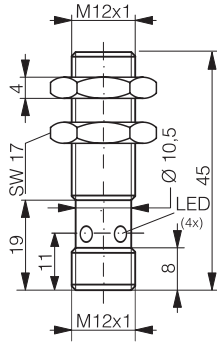
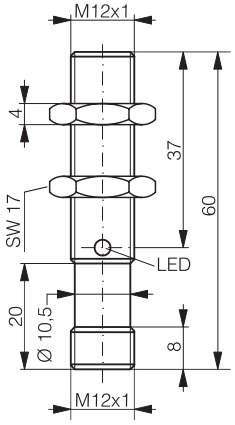
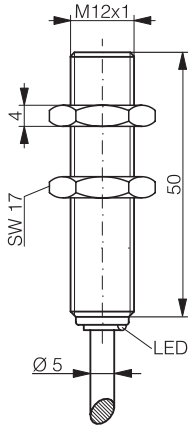
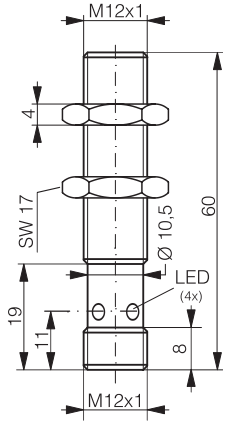
[1] Standard cable length 2 m. Non-standard cable lengths and types on request.
[2] see page 58
[3] see page 59
[4] see page 56









	long distance	long distance	all-metal	all-metal
Dimensions:				
Part references: (**bold**: preferred types)				
NPN N.O.	**DW-AS-501-M12-120**	**DW-AS-501-M12**	**DW-AD-701-M12**	**DW-AS-701-M12**
NPN N.C.		DW-AS-502-M12	DW-AD-702-M12	DW-AS-702-M12
PNP N.O.	**DW-AS-503-M12-120**	**DW-AS-503-M12**	**DW-AD-703-M12**	**DW-AS-703-M12**
PNP N.C.		DW-AS-504-M12	DW-AD-704-M12	DW-AS-704-M12
NAMUR				
AC/DC 2-wire N.O.				
AC/DC 2-wire N.C.				
Compatible connectors [4]	G ... T	G ... T (N.O.) ; M ... T (N.C.)		G ... T (N.O.) ; M ... T (N.C.)