

/// IS 218



In spite of the compact design in an M18 housing, these sensors don't skimp on power and can be quickly and easily integrated in the machine.



Benefits:

- Wide spectrum of available ranges enables application in limited spaces
- The sensor can be mounted at a greater distance from moving parts
- The high sensitivity of the sensors makes them the inexpensive solution for special applications, e.g. for close-range detection of small parts
- Sturdy all-metal housing for permanent operation

Part no.	Part description	Operating range Sa Typ. operating range limit Sn	Switching frequency	Type of installation	Switching output 1	Description	Connection	Material
50109711	ISS 218MM/4NC-20N-S12	0 ... 16.2 mm 20 mm	200 Hz	Non-embedded	Transistor, PNP, break-contact (NC)	DC	Connector, M12, 4-pin	Metal
50129365	IS 218MM/4NC-20N	0 ... 16.2 mm 20 mm	200 Hz	Non-embedded	Transistor, PNP, break-contact (NC)	DC	Cable, 2,000 mm, 3-wire	Metal
50109710	ISS 218MM/4NO-20N-S12	0 ... 16.2 mm 20 mm	200 Hz	Non-embedded	Transistor, PNP, make-contact (NO)	DC	Connector, M12, 4-pin	Metal

Part no.	Part description	Operating range Sa Typ. operating range limit Sn	Switching frequency	Type of installation	Switching output 1	Description	Connection	Material
50109709	IS 218MM/4NO-20N	0 ... 16.2 mm 20 mm	200 Hz	Non-embedded	Transistor, PNP, make-contact (NO)	DC	Cable, 2,000 mm, 3-wire	Metal
50111953	IS 218MM/2NO-20N	0 ... 16.2 mm 20 mm	200 Hz	Non-embedded	Transistor, NPN, make-contact (NO)	DC	Cable, 2,000 mm, 3-wire	Metal
50129361	IS 218MM/4NC-8NO-S12	0 ... 6.4 mm 8 mm	2,000 Hz	Non-embedded	Transistor, PNP, break-contact (NC)	DC	Connector, M12, 4-pin	Metal
50129360	IS 218MM/4NC-8NO	0 ... 6.4 mm 8 mm	2,000 Hz	Non-embedded	Transistor, PNP, break-contact (NC)	DC	Cable, 2,000 mm, 3-wire	Metal
50109697	IS 218MM/4NO-8NO-S12	0 ... 6.4 mm 8 mm	2,000 Hz	Non-embedded	Transistor, PNP, make-contact (NO)	DC	Connector, M12, 4-pin	Metal
50109696	IS 218MM/4NO-8NO	0 ... 6.4 mm 8 mm	2,000 Hz	Non-embedded	Transistor, PNP, make-contact (NO)	DC	Cable, 2,000 mm, 3-wire	Metal
50129363	IS 218MM/2NC-8NO-S12	0 ... 6.4 mm 8 mm	2,000 Hz	Non-embedded	Transistor, NPN, break-contact (NC)	DC	Connector, M12, 4-pin	Metal
50129362	IS 218MM/2NC-8NO	0 ... 6.4 mm 8 mm	2,000 Hz	Non-embedded	Transistor, NPN, break-contact (NC)	DC	Cable, 2,000 mm, 3-wire	Metal
50109699	IS 218MM/2NO-8NO-S12	0 ... 6.4 mm 8 mm	2,000 Hz	Non-embedded	Transistor, NPN, make-contact (NO)	DC	Connector, M12, 4-pin	Metal
50109698	IS 218MM/2NO-8NO	0 ... 6.4 mm 8 mm	2,000 Hz	Non-embedded	Transistor, NPN, make-contact (NO)	DC	Cable, 2,000 mm, 3-wire	Metal
50129366	IS 218 MM/4NC-12E-S12	0 ... 9.7 mm 12 mm	500 Hz	Embedded	Transistor, PNP, break-contact (NC)	DC	Connector, M12, 4-pin	Metal
50120273	ISS 218MM/4NC-12E-S12	0 ... 9.7 mm 12 mm	500 Hz	Embedded	Transistor, PNP, break-contact (NC)	DC	Connector, M12, 4-pin	Metal
50114427	IS 218 MM/4NO-12E-S12	0 ... 9.7 mm 12 mm	500 Hz	Embedded	Transistor, PNP, make-contact (NO)	DC	Connector, M12, 4-pin	Metal
50109707	ISS 218MM/4NO-12E-S12	0 ... 9.7 mm 12 mm	500 Hz	Embedded	Transistor, PNP, make-contact (NO)	DC	Connector, M12, 4-pin	Metal
50109706	IS 218MM/4NO-12E	0 ... 9.7 mm 12 mm	500 Hz	Embedded	Transistor, PNP, make-contact (NO)	DC	Cable, 2,000 mm, 3-wire	Metal
50109708	ISS 218MM/2NO-12E-S12	0 ... 9.7 mm 12 mm	500 Hz	Embedded	Transistor, NPN, make-contact (NO)	DC	Connector, M12, 4-pin	Metal
50111954	IS 218MM/2NO-12E	0 ... 9.7 mm 12 mm	500 Hz	Embedded	Transistor, NPN, make-contact (NO)	DC	Cable, 2,000 mm, 3-wire	Metal
50109702	IS 218MM/4NC-8E0-S12	0 ... 6.4 mm 8 mm	1,500 Hz	Embedded	Transistor, PNP, break-contact (NC)	DC	Connector, M12, 4-pin	Metal
50111744	ISS 218MM/4NC-8E0-S12	0 ... 6.4 mm 8 mm	1,500 Hz	Embedded	Transistor, PNP, break-contact (NC)	DC	Connector, M12, 4-pin	Metal
50129364	IS 218MM/4NC-8E0	0 ... 6.4 mm 8 mm	1,500 Hz	Embedded	Transistor, PNP, break-contact (NC)	DC	Cable, 2,000 mm, 3-wire	Metal
50109701	IS 218MM/4NO-8E0-S12	0 ... 6.4 mm 8 mm	1,500 Hz	Embedded	Transistor, PNP, make-contact (NO)	DC	Connector, M12, 4-pin	Metal
50111743	ISS 218MM/4NO-8E0-S12	0 ... 6.4 mm 8 mm	1,500 Hz	Embedded	Transistor, PNP, make-contact (NO)	DC	Connector, M12, 4-pin	Metal
50109700	IS 218MM/4NO-8E0	0 ... 6.4 mm 8 mm	1,500 Hz	Embedded	Transistor, PNP, make-contact (NO)	DC	Cable, 2,000 mm, 3-wire	Metal
50109705	IS 218MM/2NC-8E0-S12	0 ... 6.4 mm 8 mm	1,500 Hz	Embedded	Transistor, NPN, break-contact (NC)	DC	Connector, M12, 4-pin	Metal
50111745	ISS 218MM/2NC-8E0-S12	0 ... 6.4 mm 8 mm	1,500 Hz	Embedded	Transistor, NPN, break-contact (NC)	DC	Connector, M12, 4-pin	Metal
50129367	IS 218MM/2NC-8E0	0 ... 6.4 mm 8 mm	1,500 Hz	Embedded	Transistor, NPN, break-contact (NC)	DC	Cable, 2,000 mm, 3-wire	Metal
50109704	IS 218MM/2NO-8E0-S12	0 ... 6.4 mm 8 mm	1,500 Hz	Embedded	Transistor, NPN, make-contact (NO)	DC	Connector, M12, 4-pin	Metal
50109703	ISS 218MM/2NO-8E0-S12	0 ... 6.4 mm 8 mm	1,500 Hz	Embedded	Transistor, NPN, make-contact (NO)	DC	Connector, M12, 4-pin	Metal
50112104	IS 218MM/2NO-8E0	0 ... 6.4 mm 8 mm	1,500 Hz	Embedded	Transistor, NPN, make-contact (NO)	DC	Cable, 2,000 mm, 3-wire	Metal
50127466	IS 218MM/4NC-5E0-S12	0 ... 4 mm 5 mm	2,000 Hz	Embedded	Transistor, PNP, break-contact (NC)	DC	Connector, M12, 4-pin	Metal
50129368	ISS 218MM/4NC-5E0-S12	0 ... 4 mm 5 mm	2,000 Hz	Embedded	Transistor, PNP, break-contact (NC)	DC	Connector, M12, 4-pin	Metal
50118521	IS 218MM/4NC-5E0	0 ... 4 mm 5 mm	2,000 Hz	Embedded	Transistor, PNP, break-contact (NC)	DC	Cable, 2,000 mm, 3-wire	Metal
50109693	IS 218MM/4NO-5E0-S12	0 ... 4 mm 5 mm	2,000 Hz	Embedded	Transistor, PNP, make-contact (NO)	DC	Connector, M12, 4-pin	Metal
50112293	ISS 218MM/4NO-5E0-S12	0 ... 4 mm 5 mm	2,000 Hz	Embedded	Transistor, PNP, make-contact (NO)	DC	Connector, M12, 4-pin	Metal
50109692	IS 218MM/4NO-5E0	0 ... 4 mm 5 mm	2,000 Hz	Embedded	Transistor, PNP, make-contact (NO)	DC	Cable, 2,000 mm, 3-wire	Metal
50112915	ISS 218MM/4NO-5E0	0 ... 4 mm 5 mm	2,000 Hz	Embedded	Transistor, PNP, make-contact (NO)	DC	Cable, 2,000 mm, 3-wire	Metal
50109694	IS 218MM/2NO-5E0	0 ... 4 mm 5 mm	2,000 Hz	Embedded	Transistor, NPN, make-contact (NO)	DC	Cable, 2,000 mm, 3-wire	Metal

Switching sensors

Measuring sensors

Products for safety at work

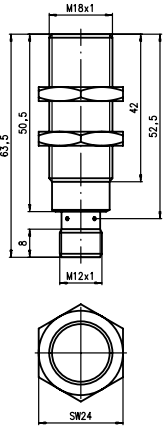
Identification

Data transmission / Control components

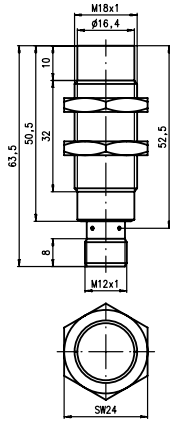
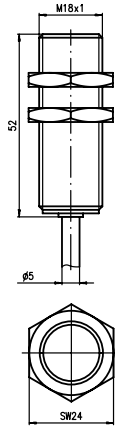
Industrial image processing

Accessories

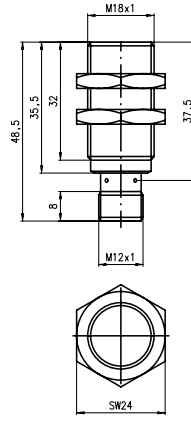
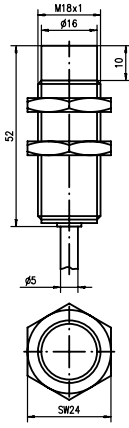
Dimensioned drawings: IS 218



IS 218...E... series



IS 218...N... series



ISS 218...E... series

