Product variant	Thread size	Sensing range Sn	Installation type	Switching output	Output function	Connection	Connection type	Length of cable	Housing length	Thread length	Special applications	Special features	Electrical wiring
IMF18-08BPSNC0S	M18 x 1	8 mm	quasi-flush	PNP	NO	male connector	male connector M12, 4-pin		65 mm	47 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, IO-Link, Temperature resistance	DC 3-wire
IMF12-04BNSNC0S	M12 x 1	4 mm	flush	NPN	NO	male connector	male connector M12, 4-pin		65 mm	48 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, Temperature resistance	DC 3-wire
IMF08-04NPPNC0S	M8 x 1	4 mm	non-flush	PNP	Complementary	male connector	male connector M12, 4-pin		60 mm	28 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, IO-Link, Temperature resistance	DC 4-wire
IMF30-15BPSNC0S	M30 x 1.5	15 mm	flush	PNP	NO	male connector	male connector M12, 4-pin		70 mm	52 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, IO-Link, Temperature resistance	DC 3-wire
IMF12-04BPONC0S	M12 x 1	4 mm	flush	PNP	NC	male connector	male connector M12, 4-pin		65 mm	48 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, Temperature resistance	DC 3-wire
IMF30-15BPPNC0S	M30 x 1.5	15 mm	flush	PNP	Complementary	male connector	male connector M12, 4-pin		70 mm	52 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, IO-Link, Temperature resistance	DC 4-wire
IMF18-12NNSNC0S	M18 x 1	12 mm	non-flush	NPN	NO	male connector	male connector M12, 4-pin		65 mm	39 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, Temperature resistance	DC 3-wire
IMF18-08BPONC0S	M18 x 1	8 mm	quasi-flush	PNP	NC	male connector	male connector M12, 4-pin		65 mm	47 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, Temperature resistance	DC 3-wire
IMF12-04BPPNC0K	M12 x 1	4 mm	flush	PNP	Complementary	male connector	male connector M12, 4-pin		45 mm	28 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, IO-Link, Temperature resistance	DC 4-wire
IMF30-15BPSNC0SX01	M30 x 1.5	15 mm	flush	PNP	NO	male connector	male connector M12, 4-pin		70 mm	52 mm	Hygienic and washdown zones, Difficult application conditions, Explosive areas	Resistant to cleaning agents, Visual adjustment indicator, IO-Link, Temperature resistance	DC 3-wire
IMF08-02BPPNC0S	M8 x 1	2 mm	flush	PNP	Complementary	male connector	male connector M12, 4-pin		60 mm	32 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, IO-Link, Temperature resistance	DC 4-wire
IMF12-08NPSNC0SX02	M12 x 1	8 mm	non-flush	PNP	NO	male connector	male connector M12, 4-pin		65 mm	43 mm	Hygienic and washdown zones, Difficult application conditions, Explosive areas	Resistant to cleaning agents, Visual adjustment indicator, IO-Link	DC 3-wire
IMF12-08NPSNC0S	M12 x 1	8 mm	non-flush	PNP	NO	male connector	male connector M12, 4-pin		65 mm	43 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, IO-Link, Temperature resistance	DC 3-wire
IMF08-04NPSNC0SX02	M8 x 1	4 mm	non-flush	PNP	NO	male connector	male connector M12, 4-pin		60 mm	28 mm	Hygienic and washdown zones, Difficult application conditions, Explosive areas	Resistant to cleaning agents, Visual adjustment indicator, IO-Link	DC 3-wire
IMF18-12NPSNC0SX02	M18 x 1	12 mm	non-flush	PNP	NO	male connector	male connector M12, 4-pin		65 mm	39 mm	Hygienic and washdown zones, Difficult application conditions, Explosive areas	Resistant to cleaning agents, Visual adjustment indicator, IO-Link	DC 3-wire

Product variant	Thread size	Sensing range Sn	Installation type	Switching output	Output function	Connection	Connection type	Length of cable	Housing length	Thread length	Special applications	Special features	Electrical wiring
IMF30-20NPONC0S	M30 x 1.5	20 mm	non-flush	PNP	NC		male connector M12, 4-pin		70 mm	40 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, Temperature resistance	DC 3-wire
IMF30-15BNSNC0S	M30 x 1.5	15 mm	flush	NPN	NO	male connector	male connector M12, 4-pin		70 mm	52 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, Temperature resistance	DC 3-wire
IMF18-12NPSNC0S	M18 x 1	12 mm	non-flush	PNP	NO	male connector	male connector M12, 4-pin		65 mm	39 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, IO-Link, Temperature resistance	DC 3-wire
IMF12-04BPSNC0SX01	M12 x 1	4 mm	flush	PNP	NO	male connector	male connector M12, 4-pin		65 mm	48 mm	Hygienic and washdown zones, Difficult application conditions, Explosive areas	Resistant to cleaning agents, Visual adjustment indicator, IO-Link	DC 3-wire
IMF18-08BNSNC0S	M18 x 1	8 mm	quasi-flush	NPN	NO	male connector	male connector M12, 4-pin		65 mm	47 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, Temperature resistance	DC 3-wire
IMF12-08NPPNS5S	M12 x 1	8 mm	non-flush	PNP	Complementary	cable	Cable, 4-wire	5 m	65 mm	43 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, IO-Link, Temperature resistance	DC 4-wire
IMF18-12NPONC0S	M18 x 1	12 mm	non-flush	PNP	NC	male connector	male connector M12, 4-pin		65 mm	39 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, Temperature resistance	DC 3-wire
IMF30-20NPSNC0SX02	M30 x 1.5	20 mm	non-flush	PNP	NO	male connector	male connector M12, 4-pin		70 mm	40 mm	Hygienic and washdown zones, Difficult application conditions, Explosive areas	Resistant to cleaning agents, Visual adjustment indicator, IO-Link, Temperature resistance	DC 3-wire
IMF30-20NPPNC0S	M30 x 1.5	20 mm	non-flush	PNP	Complementary	male connector	male connector M12, 4-pin		70 mm	40 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, IO-Link, Temperature resistance	DC 4-wire
IMF08-04NPONC0S	M8 x 1	4 mm	non-flush	PNP	NC	male connector	male connector M12, 4-pin		60 mm	28 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, Temperature resistance	DC 3-wire
IMF18-12NPPNC0S	M18 x 1	12 mm	non-flush	PNP	Complementary	male connector	male connector M12, 4-pin		65 mm	39 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, IO-Link, Temperature resistance	DC 4-wire
IMF08-02BPSNC0SX01	M8 x 1	2 mm	flush	PNP	NO	male connector	male connector M12, 4-pin		60 mm	32 mm	Hygienic and washdown zones, Difficult application conditions, Explosive areas	Resistant to cleaning agents, Visual adjustment indicator, IO-Link	DC 3-wire
IMF12-08NPPNS6S	M12 x 1	8 mm	non-flush	PNP	Complementary	cable	Cable, 4-wire	10 m	65 mm	43 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, IO-Link, Temperature resistance	DC 4-wire
IMF08-04NNSNC0S	M8 x 1	4 mm	non-flush	NPN	NO	male connector	male connector M12, 4-pin		60 mm	28 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, Temperature resistance	DC 3-wire
IMF12-04BPPNC0S	M12 x 1	4 mm	flush	PNP	Complementary	male connector	male connector M12, 4-pin		65 mm	48 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, IO-Link, Temperature resistance	DC 4-wire

Product variant	Thread size	Sensing range Sn	Installation type	Switching output	Output function	Connection	Connection type	Length of cable	Housing length	Thread length	Special applications	Special features	Electrical wiring
IMF30-20NPSNC0S	M30 x 1.5	20 mm	non-flush	PNP	NO	male connector	male connector M12, 4-pin		70 mm	40 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, IO-Link, Temperature resistance	DC 3-wire
IMF12-04BPSNC0S	M12 x 1	4 mm	flush	PNP	NO	male connector	male connector M12, 4-pin		65 mm	48 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, IO-Link, Temperature resistance	DC 3-wire
IMF12-08NPPNC0S	M12 x 1	8 mm	non-flush	PNP	Complementary	male connector	male connector M12, 4-pin		65 mm	43 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, IO-Link, Temperature resistance	DC 4-wire
IMF30-15BPONC0S	M30 x 1.5	15 mm	flush	PNP	NC	male connector	male connector M12, 4-pin		70 mm	52 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, Temperature resistance	DC 3-wire
IMF08-02BPSNC0S	M8 x 1	2 mm	flush	PNP	NO	male connector	male connector M12, 4-pin		60 mm	32 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, IO-Link, Temperature resistance	DC 3-wire
IMF30-20NNSNC0S	M30 x 1.5	20 mm	non-flush	NPN	NO	male connector	male connector M12, 4-pin		70 mm	40 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, Temperature resistance	DC 3-wire
IMF12-08NNSNC0S	M12 x 1	8 mm	non-flush	NPN	NO	male connector	male connector M12, 4-pin		65 mm	43 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, Temperature resistance	DC 3-wire
IMF08-02BNSNC0S	M8 x 1	2 mm	flush	NPN	NO	male connector	male connector M12, 4-pin		60 mm	32 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, Temperature resistance	DC 3-wire
IMF08-04NPSNC0S	M8 x 1	4 mm	non-flush	PNP	NO	male connector	male connector M12, 4-pin		60 mm	28 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, IO-Link, Temperature resistance	DC 3-wire
IMF18-08BPPNC0S	M18 x 1	8 mm	quasi-flush	PNP	Complementary	male connector	male connector M12, 4-pin		65 mm	47 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, IO-Link, Temperature resistance	DC 4-wire
IMF18-08BPSNC0SX01	M18 x 1	8 mm	quasi-flush	PNP	NO	male connector	male connector M12, 4-pin		65 mm	47 mm	Hygienic and washdown zones, Difficult application conditions, Explosive areas	Resistant to cleaning agents, Visual adjustment indicator, IO-Link	DC 3-wire
IMF12-08NPONC0S	M12 x 1	8 mm	non-flush	PNP	NC	male connector	male connector M12, 4-pin		65 mm	43 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, Temperature resistance	DC 3-wire
IMF08-02BPONC0S	M8 x 1	2 mm	flush	PNP	NC	male connector	male connector M12, 4-pin		60 mm	32 mm	Hygienic and washdown zones, Difficult application conditions	Resistant to cleaning agents, Visual adjustment indicator, Temperature resistance	DC 3-wire

Product variant	Enclosure rating	Communication interface	Ex area category	Ambient operation temp. min	Ambient operation temp. max	Smart Sensor	Items supplied	Switching frequency	Switching output detail	Certificate
IMF18-08BPSNC0S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	1000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF12-04BNSNC0S	IP68, IP69K	-		-40 °C	100 °C		mounting nut, V4A stainless steel (2x)	2000 Hz	NPN	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate
IMF08-04NPPNC0S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	4000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF30-15BPSNC0S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	500 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF12-04BPONC0S	IP68, IP69K	-		-40 °C	100 °C		mounting nut, V4A stainless steel (2x)	2000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate
IMF30-15BPPNC0S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	500 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF18-12NNSNC0S	IP68, IP69K	-		-40 °C	100 °C		mounting nut, V4A stainless steel (2x)	1000 Hz	NPN	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate
IMF18-08BPONC0S	IP68, IP69K	-		-40 °C	100 °C		mounting nut, V4A stainless steel (2x)	1000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate
IMF12-04BPPNC0K	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	2000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF30-15BPSNC0SX01	IP67	IO-Link	3G, 3D	-20 °C	95 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x), Cable	500 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF08-02BPPNC0S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	4000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF12-08NPSNC0SX02	IP67	IO-Link	3G, 3D	-20 °C	85 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x), Cable	2000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF12-08NPSNC0S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	2000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF08-04NPSNC0SX02	IP67	IO-Link	3G, 3D	-20 °C	85 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x), Cable	4000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF18-12NPSNC0SX02	IP67	IO-Link	3G, 3D	-20 °C	90 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x), Cable	1000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link

Product variant	Enclosure rating	Communication interface	Ex area category	Ambient operation temp. min	Ambient operation temp. max	Smart Sensor	Items supplied	Switching frequency	Switching output detail	Certificate
IMF30-20NPONC0S	IP68, IP69K	-		-40 °C	100 °C		mounting nut, V4A stainless steel (2x)	500 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate
IMF30-15BNSNC0S	IP68, IP69K	-		-40 °C	100 °C		mounting nut, V4A stainless steel (2x)	500 Hz	NPN	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate
IMF18-12NPSNC0S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	1000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF12-04BPSNC0SX01	IP67	IO-Link	3G, 3D	-20 °C	85 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x), Cable	2000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF18-08BNSNC0S	IP68, IP69K	-		-40 °C	100 °C		mounting nut, V4A stainless steel (2x)	1000 Hz	NPN	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate
IMF12-08NPPNS5S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	2000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF18-12NPONC0S	IP68, IP69K	-		-40 °C	100 °C		mounting nut, V4A stainless steel (2x)	1000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate
IMF30-20NPSNC0SX02	IP67	IO-Link	3G, 3D	-20 °C	95 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x), Cable	500 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF30-20NPPNC0S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	500 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF08-04NPONC0S	IP68, IP69K	-		-40 °C	100 °C		mounting nut, V4A stainless steel (2x)	4000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate
IMF18-12NPPNC0S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	1000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF08-02BPSNC0SX01	IP67	IO-Link	3G, 3D	-20 °C	85 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x), Cable	4000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF12-08NPPNS6S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	2000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF08-04NNSNC0S	IP68, IP69K	-		-40 °C	100 °C		mounting nut, V4A stainless steel (2x)	4000 Hz	NPN	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate
IMF12-04BPPNC0S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	2000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link

Product variant	Enclosure rating	Communication interface	Ex area category	Ambient operation temp. min	Ambient operation temp. max	Smart Sensor	Items supplied	Switching frequency	Switching output detail	Certificate
IMF30-20NPSNC0S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	500 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF12-04BPSNC0S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	2000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF12-08NPPNC0S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	2000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF30-15BPONC0S	IP68, IP69K	-		-40 °C	100 °C		mounting nut, V4A stainless steel (2x)	500 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate
IMF08-02BPSNC0S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	4000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF30-20NNSNC0S	IP68, IP69K	-		-40 °C	100 °C		mounting nut, V4A stainless steel (2x)	500 Hz	NPN	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate
IMF12-08NNSNC0S	IP68, IP69K	-		-40 °C	100 °C		mounting nut, V4A stainless steel (2x)	2000 Hz	NPN	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate
IMF08-02BNSNC0S	IP68, IP69K	-		-40 °C	100 °C		mounting nut, V4A stainless steel (2x)	4000 Hz	NPN	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate
IMF08-04NPSNC0S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	4000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF18-08BPPNC0S	IP68, IP69K	IO-Link		-40 °C	100 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x)	1000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF18-08BPSNC0SX01	IP67	IO-Link	3G, 3D	-20 °C	90 °C	Enhanced Sensing, efficient communication, diagnosis	mounting nut, V4A stainless steel (2x), Cable	1000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate, IO-Link
IMF12-08NPONC0S	IP68, IP69K	-		-40 °C	100 °C		mounting nut, V4A stainless steel (2x)	2000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate
IMF08-02BPONC0S	IP68, IP69K	-		-40 °C	100 °C		mounting nut, V4A stainless steel (2x)	4000 Hz	PNP	EU declaration of conformity, UK declaration of conformity, ACMA declaration of conformity, Moroccan declaration of conformity, China-RoHS, ECOLAB certificate, FDA-Certificate, cULus certificate