		Sensing	Switching	Output			_	Housing	Housing		Special	Electrical
Product variant	Thread size	range Sn	output	function	Connection	Connection type	of cable	length	material		features	wiring
									Stainless			
					male	male connector M12,			steel		high pressure	
IMP12-1B5PSVC0D	M12 x 1	1.5 mm	PNP	NO	connector	4-pin		78 mm	V2A	42 mm	resistant	DC 3-wire
									Stainless			
W 4040 40500 4005			2112		male	male connector M12,			steel		high pressure	
IMP12-1B5PSVC0F	M12 x 1	1.5 mm	PNP	NO	connector	4-pin		93 mm	V2A	75 mm	resistant	DC 3-wire
									Stainless			
		l. <u>-</u>			male	male connector M12,			steel		high pressure	
IMP12-1B5NSVC0F	M12 x 1	1.5 mm	NPN	NO	connector	4-pin		93 mm		75 mm		DC 3-wire
									Stainless		resistant,	
		l. <u>-</u>			l				steel		Temperature	
IMP08-1B5PSVU2S	M8 x 1	1.5 mm	PNP	NO	cable	Cable, 3-wire	2 m	30 mm	V4A	6 mm	resistance	DC 3-wire
											resistant,	
10 4D 05 04 D D 01 # 10 0			2112							_	Temperature 	
IMP05-01BPSVU2S	M5 x 0.5	1 mm	PNP	NO	cable	Cable, 3-wire	2 m	27 mm		5 mm	resistance	DC 3-wire
									Stainless			
					male	male connector M12,			steel		high pressure	
IMP12-1B5POVC0C	M12 x 1	1.5 mm	PNP	NC	connector	4-pin		69 mm		38 mm	resistant	DC 3-wire
									Stainless			
					male	male connector M12,			steel	20	high pressure	
IMP12-1B5NOVC0B	M12 x 1	1.5 mm	NPN	NC	connector	4-pin		56 mm	V2A	28 mm	resistant	DC 3-wire
									Stainless			
					male	male connector M12,			steel		high pressure	
IMP12-1B5PSVC0C	M12 x 1	1.5 mm	PNP	NO	connector	4-pin		69 mm	V2A	38 mm	resistant	DC 3-wire
									Stainless		l	
					male	male connector M12,			steel	. .	high pressure	
IMP14-03BPOVC0S	M14 x 1.5	3 mm	PNP	NC	connector	4-pin		65 mm	V4A	11 mm	resistant	DC 3-wire
					cable with	Cable with connector					resistant,	
					male	M8, 3-pin, with			<u> </u>		Temperature	
IMP05-01BPSVR9S	M5 x 0.5	1 mm	PNP	NO	connector	knurled nuts	0.3 m	27 mm	Phynox	5 mm	resistance	DC 3-wire

Product variant	Thread size	Sensing range Sn	Switching output	Output function	Connection	Connection type	Length of cable	_	Housing material		Special features	Electrical wiring
									Stainless		resistant,	
				Compleme	male	male connector M12,			steel		Temperature	
IMP12-1B5PPVC0C	M12 x 1	1.5 mm	PNP	ntary	connector	4-pin		69 mm		38 mm	resistance	DC 4-wire
									Stainless		resistant,	
									steel		Temperature	
IMP08-1B5NSVU2S	M8 x 1	1.5 mm	NPN	NO	cable	Cable, 3-wire	2 m	30 mm		6 mm	resistance	DC 3-wire
									Stainless		resistant,	
				Compleme	male	male connector M12,			steel		Temperature	
IMP12-1B5PPVC0F	M12 x 1	1.5 mm	PNP	ntary	connector	4-pin		93 mm	V2A	75 mm	resistance	DC 4-wire
									Stainless			
					male	male connector M12,			steel		high pressure	
IMP14-03BPSVC0S	M14 x 1.5	3 mm	PNP	NO	connector	4-pin		65 mm	V4A	11 mm	resistant	DC 3-wire
									Stainless			
					male	male connector M12,			steel		high pressure	
IMP12-1B5POVC0D	M12 x 1	1.5 mm	PNP	NC	connector	4-pin		78 mm	V2A	42 mm	resistant	DC 3-wire
									Stainless		resistant,	
				Compleme	male	male connector M12,			steel		Temperature	
IMP12-1B5NPVC0B	M12 x 1	1.5 mm	NPN	ntary	connector	4-pin		56 mm	V2A	28 mm	resistance	DC 4-wire
									Stainless			
					male	male connector M12,			steel		high pressure	
IMP14-03BNOVC0S	M14 x 1.5	3 mm	NPN	NC	connector	4-pin		65 mm	V4A	11 mm	resistant	DC 3-wire
									Stainless		resistant,	
				Compleme	male	male connector M12,			steel		Temperature	
IMP12-1B5PPVC0D	M12 x 1	1.5 mm	PNP	ntary	connector	4-pin		78 mm	V2A	42 mm	resistance	DC 4-wire
									Stainless			
					male	male connector M12,			steel		high pressure	
IMP12-1B5NSVC0B	M12 x 1	1.5 mm	NPN	NO	connector	4-pin		56 mm	V2A	28 mm	resistant	DC 3-wire
									Stainless			
					male	male connector M12,			steel		high pressure	
IMP12-1B5POVC0B	M12 x 1	1.5 mm	PNP	NC	connector	4-pin		56 mm	V2A	28 mm	resistant	DC 3-wire

		Sensing	Switching	Output			_	Housing	Housing		Special	Electrical
Product variant	Thread size	range Sn	output	function	Connection	Connection type	of cable	length	material		features	wiring
									Stainless		l	
					male	male connector M12,			steel		high pressure	
IMP12-1B5NOVC0F	M12 x 1	1.5 mm	NPN	NC	connector	4-pin		93 mm		75 mm	resistant	DC 3-wire
									Stainless			
IN 4D4 2 4 DENIOV (COD	N442 4	4.5	ALDAL		male	male connector M12,		70	steel	42	high pressure	DC 2i
IMP12-1B5NOVC0D	M12 x 1	1.5 mm	NPN	NC	connector	4-pin		78 mm	V2A	42 mm	resistant	DC 3-wire
									Stainless			
IN 4D4 2 4 DE DCV (COD	N442 4	4.5	PNP		male	male connector M12,		F.C	steel V2A	20	high pressure	DC 2i
IMP12-1B5PSVC0B	M12 x 1	1.5 mm	PNP	NO	connector	4-pin		56 mm		28 mm	resistant	DC 3-wire
									Stainless		hiele manerana	
INADA 2 A DENIGUESO		4.5	ALDAL	NO	male	male connector M12,		60	steel	20	high pressure	DC 2 :
IMP12-1B5NSVC0C	M12 x 1	1.5 mm	NPN	NO	connector	4-pin		69 mm		38 mm	resistant	DC 3-wire
									Stainless			
INADA 2 A DENIGVICOD	N442 4	4.5	NIDNI		male	male connector M12,		70	steel	42	high pressure	DC 2
IMP12-1B5NSVC0D	M12 x 1	1.5 mm	NPN	NO	connector	4-pin		78 mm	V2A	42 mm	resistant	DC 3-wire
									Stainless		resistant,	
IN 4D42 4 DENIDVICOD		4.5	ALDAL	Compleme		male connector M12,		70	steel	42	Temperature · ·	DC 4 :
IMP12-1B5NPVC0D	M12 x 1	1.5 mm	NPN	ntary	connector	4-pin		78 mm		42 mm	resistance	DC 4-wire
									Stainless			
W 4040 40500 4005					male	male connector M12,			steel		high pressure	
IMP12-1B5POVC0F	M12 x 1	1.5 mm	PNP	NC	connector	4-pin		93 mm		75 mm	resistant	DC 3-wire
				_					Stainless		resistant,	
				Compleme		male connector M12,			steel		Temperature	
IMP12-1B5NPVC0C	M12 x 1	1.5 mm	NPN	ntary	connector	4-pin		69 mm	V2A	38 mm	resistance	DC 4-wire
									Stainless		l	
					male	male connector M12,			steel		high pressure	
IMP12-1B5NOVC0C	M12 x 1	1.5 mm	NPN	NC	connector	4-pin		69 mm		38 mm	resistant	DC 3-wire
									Stainless		resistant,	
		_		Compleme		male connector M12,			steel		Temperature	
IMP12-1B5PPVC0B	M12 x 1	1.5 mm	PNP	ntary	connector	4-pin		56 mm	V2A	28 mm	resistance	DC 4-wire

Product variant	Thread size	J	Switching output		Connection	Connection type	Length of cable	Housing length	Housing material		Special features	Electrical wiring
									Stainless			
					male	male connector M12,			steel		high pressure	
IMP14-03BNSVC0S	M14 x 1.5	3 mm	NPN	NO	connector	4-pin		65 mm	V4A	11 mm	resistant	DC 3-wire
									Stainless		resistant,	
				Compleme	male	male connector M12,			steel		Temperature	
IMP12-1B5NPVC0F	M12 x 1	1.5 mm	NPN	ntary	connector	4-pin		93 mm	V2A	75 mm	resistance	DC 4-wire

	Ambient			Switching		
	operation		Switching	output		
Product variant	temp. max	Reproducibility	frequency	detail	Task	Certificate
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5PSVC0D	80 °C	≤ 7 %	600 Hz	PNP	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5PSVC0F	80 °C	≤ 7 %	600 Hz	PNP	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5NSVC0F	80 °C	≤ 7 %	600 Hz	NPN	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP08-1B5PSVU2S	100 °C	≤ 5 %	800 Hz	PNP	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP05-01BPSVU2S	100 °C	≤ 5 %	1000 Hz	PNP	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5POVC0C	80 °C	≤ 7 %	600 Hz	PNP	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5NOVC0B	80 °C	≤ 7 %	600 Hz	NPN	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5PSVC0C	80 °C	≤ 7 %	600 Hz	PNP	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP14-03BPOVC0S	80 °C	≤ 4 %	500 Hz	PNP	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP05-01BPSVR9S	100 °C	≤ 5 %	1000 Hz	PNP	Measuring - Length and distance	China-RoHS

	Ambient			Switching		
	operation		Switching	output		
Product variant	temp. max	Reproducibility	frequency	detail	Task	Certificate
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5PPVC0C	100 °C	≤ 7 %	600 Hz	PNP	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP08-1B5NSVU2S	100 °C	≤ 5 %	800 Hz	NPN	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5PPVC0F	100 °C	≤ 7 %	600 Hz	PNP	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP14-03BPSVC0S	80 °C	≤ 4 %	500 Hz	PNP	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5POVC0D	80 °C	≤ 7 %	600 Hz	PNP	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5NPVC0B	100 °C	≤ 7 %	600 Hz	NPN	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP14-03BNOVC0S	80 °C	≤ 4 %	500 Hz	NPN	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5PPVC0D	100 °C	≤ 7 %	600 Hz	PNP	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5NSVC0B	80 °C	≤ 7 %	600 Hz	NPN	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5POVC0B	80 °C	≤ 7 %	600 Hz	PNP	Measuring - Length and distance	China-RoHS

	Ambient			Switching		
	operation		Switching	output		
Product variant	temp. max	Reproducibility	frequency	detail	Task	Certificate
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5NOVC0F	80 °C	≤ 7 %	600 Hz	NPN	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5NOVC0D	80 °C	≤ 7 %	600 Hz	NPN	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5PSVC0B	80 °C	≤ 7 %	600 Hz	PNP	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5NSVC0C	80 °C	≤ 7 %	600 Hz	NPN	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5NSVC0D	80 °C	≤ 7 %	600 Hz	NPN	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5NPVC0D	100 °C	≤ 7 %	600 Hz	NPN	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5POVC0F	80 °C	≤ 7 %	600 Hz	PNP	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5NPVC0C	100 °C	≤ 7 %	600 Hz	NPN	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5NOVC0C	80 °C	≤ 7 %	600 Hz	NPN	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5PPVC0B	100 °C	≤ 7 %	600 Hz	PNP	Measuring - Length and distance	China-RoHS

	Ambient			Switching		
	operation		Switching	output		
Product variant	temp. max	Reproducibility	frequency	detail	Task	Certificate
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP14-03BNSVC0S	80 °C	≤ 4 %	500 Hz	NPN	Measuring - Length and distance	China-RoHS
						EU declaration of conformity, UK declaration of
					Detecting - Metal at close range,	conformity, Moroccan declaration of conformity,
IMP12-1B5NPVC0F	100 °C	≤ 7 %	600 Hz	NPN	Measuring - Length and distance	China-RoHS