



**Selection guide**

**Ø4 Standard and extended range, short housing**

Con- nec- tion	Rated operating distance Sn	Ordering no. NPN, Normally open	Ordering no. PNP, Normally open	Ordering no. NPN, Normally closed	Ordering no. PNP, Normally closed
Cable	0.8 mm	<b>IBS04SF08A2NO</b>	<b>IBS04SF08A2PO</b>	<b>IBS04SF08A2NC</b>	<b>IBS04SF08A2PC</b>
Plug	0.8 mm	<b>IBS04SF08M5NO</b>	<b>IBS04SF08M5PO</b>	<b>IBS04SF08M5NC</b>	<b>IBS04SF08M5PC</b>
Cable	1.3 mm	<b>IBS04SF15A2NO</b>	<b>IBS04SF15A2PO</b>	<b>IBS04SF15A2NC</b>	<b>IBS04SF15A2PC</b>
Plug	1.3 mm	<b>IBS04SF15M5NO</b>	<b>IBS04SF15M5PO</b>	<b>IBS04SF15M5NC</b>	<b>IBS04SF15M5PC</b>

**M5 Standard and extended range, short housing**

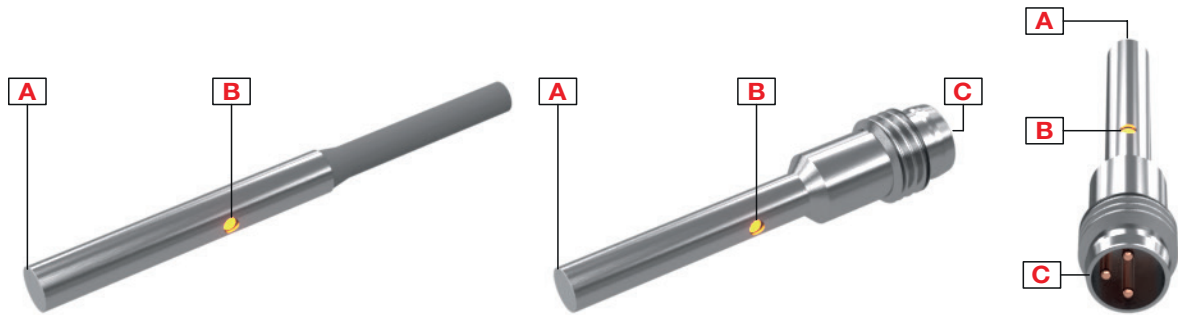
Con- nec- tion	Rated operating distance Sn	Ordering no. NPN, Normally open	Ordering no. PNP, Normally open	Ordering no. NPN, Normally closed	Ordering no. PNP, Normally closed
Cable	0.8 mm	<b>ICS05S23F08A2NO</b>	<b>ICS05S23F08A2PO</b>	<b>ICS05S23F08A2NC</b>	<b>ICS05S23F08A2PC</b>
Plug	0.8 mm	<b>ICS05S23F08M5NO</b>	<b>ICS05S23F08M5PO</b>	<b>ICS05S23F08M5NC</b>	<b>ICS05S23F08M5PC</b>
Cable	1.3 mm	<b>ICS05S23F15A2NO</b>	<b>ICS05S23F15A2PO</b>	<b>ICS05S23F15A2NC</b>	<b>ICS05S23F15A2PC</b>
Plug	1.3 mm	<b>ICS05S23F15M5NO</b>	<b>ICS05S23F15M5PO</b>	<b>ICS05S23F15M5NC</b>	<b>ICS05S23F15M5PC</b>

**IO-Link types**

Con- nec- tion	Body style	Rated operating distance Sn	Output type	Ordering no.
Cable	Ø4	Configurable: 0.8 or 1.3mm <b>Factory setting: 1.3mm</b>	Configurable: NPN/PNP/push-pull NO/NC <b>Factory setting: PNP, NO</b>	<b>IBS04SF15A2IO</b>
Plug	Ø4			<b>IBS04SF15M5IO</b>
Cable	M5			<b>ICS05S23F15A2IO</b>
Plug	M5			<b>ICS05S23F15M5IO</b>

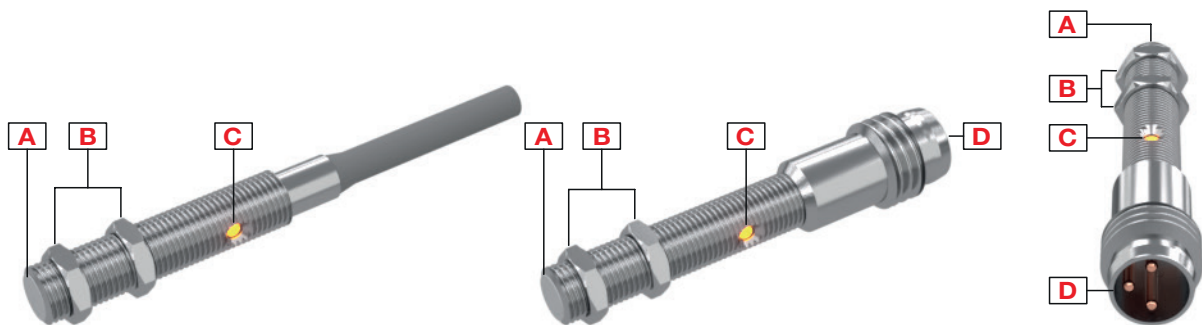
# Structure

## IBS04



Element	Component	Function
A	Sensing face	Flush
B	LED	Yellow LED: Output flashing: short circuit or overload indication
C	M8, 3 pin, male connector	For plug versions only

## ICS05



Element	Component	Function
A	Sensing face	Flush
B	2 nuts	For sensor mounting
C	LED	Yellow LED: Output flashing: short circuit or overload indication
D	M8, 3 pin, male connector	For plug versions only