Selection guide

M8 extended range, short housing

Connection	Rated operating distance Sn	Detection principle	Ordering no. NPN, Normally open	Ordering no. PNP, Normally open	Ordering no. NPN, Normally closed	Ordering no. PNP, Normally closed
Cable	2 mm	Flush	**ICS08S30F20A2NO**	**ICS08S30F20A2PO**	**ICS08S30F20A2NC**	**ICS08S30F20A2PC**
Plug			**ICS08S30F20M5NO**	**ICS08S30F20M5PO**	**ICS08S30F20M5NC**	**ICS08S30F20M5PC**
Cable	4 mm	Non-flush	**ICS08S30N40A2NO**	**ICS08S30N40A2PO**	**ICS08S30N40A2NC**	**ICS08S30N40A2PC**
Plug			**ICS08S30N40M5NO**	**ICS08S30N40M5PO**	**ICS08S30N40M5NC**	**ICS08S30N40M5PC**

M8 extended range, long housing

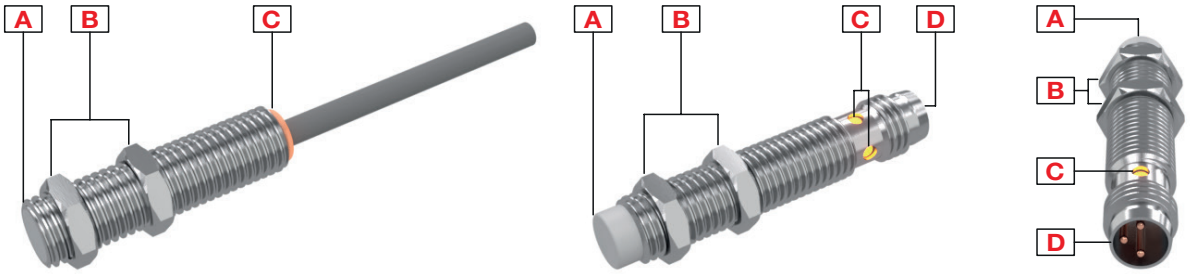
Connection	Rated operating distance Sn	Detection principle	Ordering no. NPN, Normally open	Ordering no. PNP, Normally open	Ordering no. NPN, Normally closed	Ordering no. PNP, Normally closed
Cable	2 mm	Flush	**ICS08L45F20A2NO**	**ICS08L45F20A2PO**	**ICS08L45F20A2NC**	**ICS08L45F20A2PC**
Plug			**ICS08L45F20M5NO**	**ICS08L45F20M5PO**	**ICS08L45F20M5NC**	**ICS08L45F20M5PC**
Cable	4 mm	Non-flush	**ICS08L45N40A2NO**	**ICS08L45N40A2PO**	**ICS08L45N40A2NC**	**ICS08L45N40A2PC**
Plug			**ICS08L45N40M5NO**	**ICS08L45N40M5PO**	**ICS08L45N40M5NC**	**ICS08L45N40M5PC**

IO-Link types

Connection	Body style	Detection principle	Rated operating distance Sn	Output type	Ordering no.
Cable	Short	Flush	Configurable: 1 or 2mm **Factory setting: 2mm**	Configurable: NPN/PNP/ push-pull NO/NC **Factory setting: PNP, NO**	**ICS08S30F20A2IO**
Plug					**ICS08S30F20M5IO**
Cable		Non-flush	Configurable: 2 or 4mm **Factory setting: 4mm**		**ICS08S30N40A2IO**
Plug					**ICS08S30N40M5IO**
Cable	Long	Flush	Configurable: 1 or 2mm **Factory setting: 2mm**		**ICS08L45F20A2IO**
Plug					**ICS08L45F20M5IO**
Cable		Non-flush	Configurable: 2 or 4mm **Factory setting: 4mm**		**ICS08L45N40A2IO**
Plug					**ICS08L45N40M5IO**

Structure

ICS08



Element	Component	Function
A	Sensing face	Flush or non-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