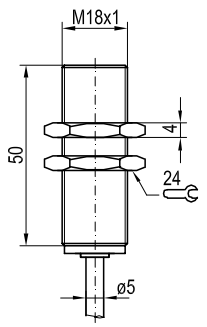
IS 518-02 A

Inductive sensor with analogue output



CE

Cable connection



153-00338

Sensor data

Switching distance	0 … 10 mm
Repeatability	≤ 0.3 mm

Electrical data

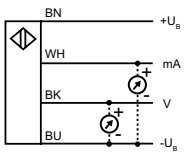
Operating voltage, $+U_B$	15 … 30 V DC[1]
No-load current, I_0	≤ 10 mA
Min. load resistance	0 Ω
Max. load resistance	200 Ω
Protective circuits	Short-circuit protection (Q) / overload protection
Analogue output	0 … 10 V / 4 … 20 mA

Mechanical data

Dimensions	M18 x 50 mm
Mounting	Quasi-flush
Enclosure rating	IP 67[2]
Material, housing	Brass, chrome-plated
Type of connection	See Selection Table
Ambient temperature: operation	-10 … +60 °C

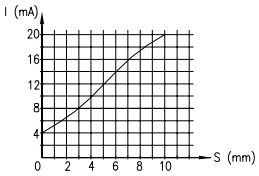
[1] Max. 10 % ripple, within U_B [2] With connected IP 67 plug

Connection, 4-wire



154-00215

Characteristic output curve



091-13294

Switching distance	Analogue output	Type of connection	Part number	Article number
10 mm	0 … 10 V / 4 … 20 mA	Cable, 4-wire	IS 518-02 A	996-09435