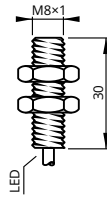


**3-Wire Metal Face
3-Leiter Vollmetallhülse**

shielded
bündig
M8x1 | 2 mm



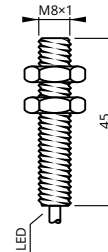
increased
erhöht



shielded
bündig
M8x1 | 2 mm



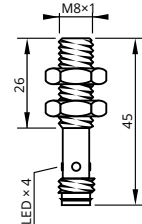
increased
erhöht



shielded
bündig
M8x1 | 2 mm



increased
erhöht

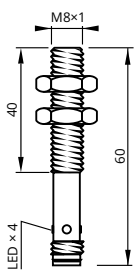


Sensing Distance	Schaltabstand	2 mm	2 mm	2 mm
Housing Size	Gehäusegröße	M8x1	M8x1	M8x1
Operating Voltage	Betriebsspannung	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}
Reverse Polarity Protection	Verpolungsschutz	built-in integriert	built-in integriert	built-in integriert
Current Consumption	Stromverbrauch	<8 mA	<8 mA	<8 mA
Current Load Capability	Ausgangsbelastbarkeit	200 mA	200 mA	200 mA
Short Circuit Protection	Kurzschlusschutz	built-in integriert	built-in integriert	built-in integriert
Voltage Drop	Spannungsabfall	<1.5 V @ 200 mA	<1.5 V @ 200 mA	<1.5 V @ 200 mA
Switching Frequency	Schaltfrequenz	400 Hz	400 Hz	400 Hz
Correction Factor	Korrekturfaktor	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85
Repeatability	Wiederholgenauigkeit	<1 % (S _n)	<1 % (S _n)	<1 % (S _n)
Hysteresis	Hysterese	3...15 %	3...15 %	3...15 %
Operating Temperature	Betriebstemperatur	-25...+75 °C	-25...+75 °C	-25...+75 °C
Protection Class	Schutzklasse	IP69k, IP67 connector	IP69k, IP67 connector	IP69k, IP67 connector
Sensing Face	Sensorfläche	SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl
Housing Material	Gehäusewerkstoff	SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl
Connection	Anschluss	PVC, ultra-flex	PVC, ultra-flex	conn. M8 Stecker M8
Switching Indicator	Schaltanzeige	built-in integriert	built-in integriert	built-in integriert
Article Code PNP, NO	—/—	IVM8S2PO30-A2P	IVM8S2PO45-A2P	IVM8S2PO45-M8
Article Code PNP, NC	—/—	IVM8S2PC30-A2P	IVM8S2PC45-A2P	IVM8S2PC45-M8
Article Code NPN, NO	—/—	IVM8S2NO30-A2P	IVM8S2NO45-A2P	IVM8S2NO45-M8
Article Code NPN, NC	—/—	IVM8S2NC30-A2P	IVM8S2NC45-A2P	IVM8S2NC45-M8

shielded
bündig
M8x1 | 2 mm



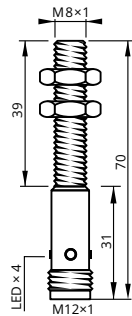
increased
erhöht



shielded
bündig
M8x1 | 2 mm



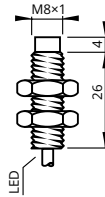
increased
erhöht



unshielded
nicht bündig
M8x1 | 3.5 mm



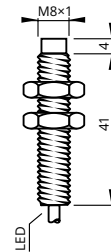
increased
erhöht



unshielded
nicht bündig
M8x1 | 3.5 mm



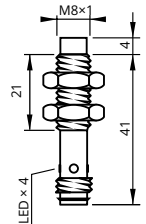
increased
erhöht



unshielded
nicht bündig
M8x1 | 3.5 mm



increased
erhöht



2 mm	2 mm	3.5 mm	3.5 mm	3.5 mm
M8x1	M8x1	M8x1	M8x1	M8x1
10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
<8 mA	<8 mA	<8 mA	<8 mA	<8 mA
200 mA	200 mA	200 mA	200 mA	200 mA
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
<1.5 V @ 200 mA	<1.5 V @ 200 mA	<1.5 V @ 200 mA	<1.5 V @ 200 mA	<1.5 V @ 200 mA
400 Hz	400 Hz	400 Hz	400 Hz	400 Hz
Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85
<1 % (S _n)	<1 % (S _n)	<1 % (S _n)	<1 % (S _n)	<1 % (S _n)
3...15 %	3...15 %	3...15 %	3...15 %	3...15 %
-25...+75 °C	-25...+75 °C	-25...+75 °C	-25...+75 °C	-25...+75 °C
IP69k, IP67 connector	IP69k, IP67 connector	IP69k, IP67 connector	IP69k, IP67 connector	IP69k, IP67 connector
SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl
SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl
conn. M8 Stecker M8	conn. M12 Stecker M12	PVC, ultra-flex	PVC, ultra-flex	conn. M8 Stecker M8
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
IVM8S2PO60-M8	IVM8S2PO70-M12	IVM8N4PO30-A2P	IVM8N4PO45-A2P	IVM8N4PO45-M8
IVM8S2PC60-M8	IVM8S2PC70-M12	IVM8N4PC30-A2P	IVM8N4PC45-A2P	IVM8N4PC45-M8
IVM8S2NO60-M8	IVM8S2NO70-M12	IVM8N4NO30-A2P	IVM8N4NO45-A2P	IVM8N4NO45-M8
IVM8S2NC60-M8	IVM8S2NC70-M12	IVM8N4NC30-A2P	IVM8N4NC45-A2P	IVM8N4NC45-M8

Minor changes possible
Geringfügige Änderungen möglich