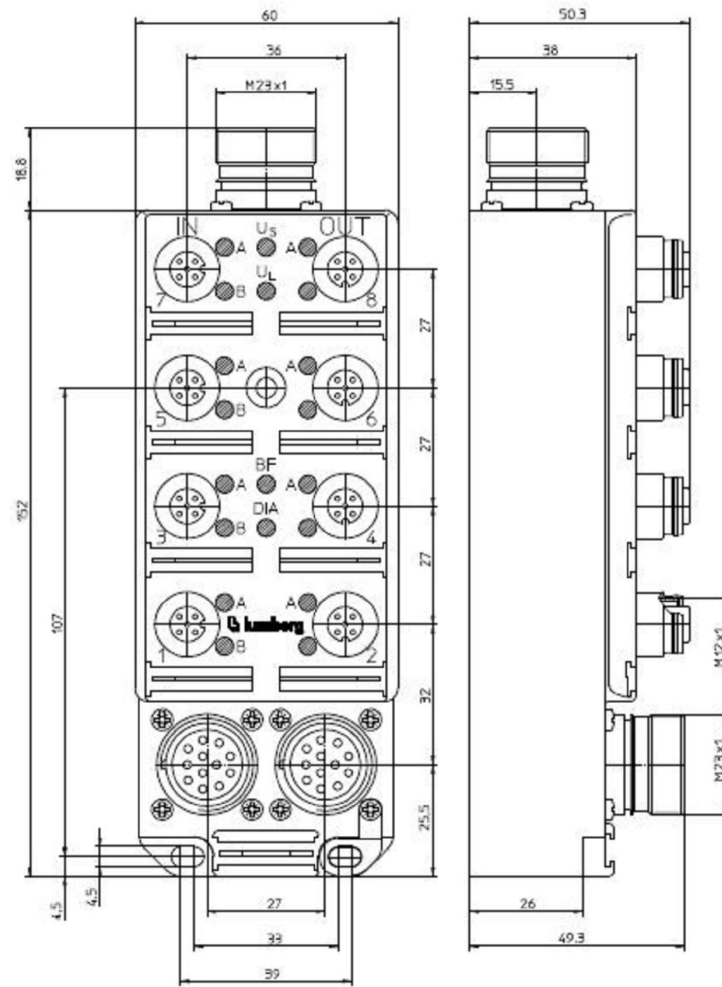


RoHS ✓



Typ / type	Kontaktbelegung / contact assignment	
	Polzahl / number of poles	Farbkennung / color code
Eingang / Input M12	5	1 = +24 V
		2 = IN B
		3 = GND (0V)
		4 = IN A
		5 = Erde / earth
Ausgang / Output M12	5	1 = n.c.
		2 = n.c.
		3 = GND (0V)
		4 = OUT
		5 = Erde / earth
Aktorversorgung / Actuator supply M23	6	1 = Erde / earth
		2 = +24 V
		3 = GND (0V)
		4 = n.c.
		5 = n.c.
		6 = n.c.
Busanschluss / Bus connection M23	12	1 = GNDI*
		2 = Line A
		3 = n.c.
		4 = Line B
		5 = n.c.
		6 = VCCI*
		7 = +24 V
		8 = Erde / earth
		9 = n.c.
		10 = n.c.
		11 = n.c.
		12 = RTS*
Geh. / housing = Erde/earth		

The information/details in this datasheet merely contain general descriptions or performance factors which, when applied in an actual situation, do not always correspond with the described form, and may be amended by way of the further development of products. The desired performance factors shall only be binding if these are expressly agreed on conclusion of the contract.



Product description

Type	0970 PSL 202
Description	- Profibus-DP device with 16 digital inputs - LED indicators - M23 bus connection
Color housing	orange

Technical data

Technical data see page 3

Environmental conditions

Protection class (IEC 60529) *	IP67
Temperature range	0 °C / +60 °C

* only in locked position with its proper counterparts or dust covers

Accessories

Scope of delivery	Dust cover M12, 2 pieces Attacheble labels, 10 pieces
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Notes

-Do not connect / disconnect under load

Bus-System	Profibus
ID-Nummer / ID-Number	0450 hex
GSD-Datei / GSD-file	Lum_0450.gsd
Übertragungsrate / Transmission rate	max. 12MBAud
Elektronik Stromversorgung / Electronic power supply	UL
Nennspannung / Rated voltage	24 V DC
Spannungsbereich / Voltage range	19 - 30 V DC
Stromaufnahme / Power consumption	typ. 60mA
Verpolschutz / Reverse polarity protection	ja / yes
Anzeige / Indication	LED grün / green
Sensoric Stromversorgung / Input power supply	
Spannungsbereich / Voltage range	min. (UL - 1,5 V)
Gesamtstrom aller Sensoren / Total current of all sensors	max. 800 mA
Kurzschlussfest / Short circuit-proof	ja / yes

Eingänge / Inputs	Typ 3 IEC 61131-2
Nenneingangsspannung / Rated input voltage	24 V DC
Signalzustand "1" / Signal state "1"	11 - 30V
Signalzustand "0" / Signal state "0"	-3 - 5 V
Eingangsstrom bei 24V / Input current at 24 V	typ. 6 mA
Kanaltyp Schließer / Chanel type N.O.	p-schaltend / p-switching
Anzahl der digitalen Kanäle / Number of digital channels	8
Statusanzeige / Channel status indicator	LED gelb pro Kanal / LED yellow per channel
Aktorik-Stromversorgung / Output power supply	Us
Nennspannung / Rated voltage	24 V DC
Spannungsbereich / Voltage range	19 - 30 V DC
Potentialtrennung / Potential separation	vorhanden / present
Verpolschutz / Reverse polarity protection	ja Antiparalleldiode / yes antiparallel diode
Anzeige / Indication	LED grün / LED green
Ausgänge / Outputs	Typ 2 A IEC 61131-2
Nennausgangsstrom / Rated output current	2A pro Kanal / 2A per channel
Kurzschlussfest / Short circuit-proof	ja / yes
Max.Strombelastbarkeit / Max. output current	8A pro Modul / 8A permodule
Überlastfest / Overload-proof	ja / yes
Anzahl der digitalen Kanäle / Number of digital channels	4
Kanaltyp Schließer / Channel type N.O.	p-schaltend / p-switching
Statusanzeige / Channel status indicator	LED gelb pro Kanal / LED yellow per channel
Diagnoseanzeige / Diagnostic indicator	LED rot pro Kanal / LED red per channel

product overview

Article-No.	Type
000-011-006	0970 PSL 202