

Link do produktu: <https://automatyka.mjmkielce.pl/czujnik-ultradzwiekowy-ppf-ub2000-f42-e5-v15-p-54222.html>

CZUJNIK ULTRADŹWIĘKOWY PPF UB2000-F42-E5-V15

Cena	1 199,00 zł
Numer katalogowy	26040
Kod EAN	26040
Producent	Pepperl+Fuchs

Opis produktu

Dane techniczne UB2000-F42-E5-V15

Opis produktu		
Single head system		
General specifications		
Sensing range		60 ... 2000 mm
Adjustment range		90 ... 2000 mm
Dead band		0 ... 60 mm
Standard target plate		100 mm x 100 mm
Transducer frequency		approx. 175 kHz
Response delay		approx. 150 ms
Indicators/operating means		
LED green		solid green: Power on
LED yellow		solid: switching state switch output
		flashing: program function
		normal operation: "fault"
		program function: no object detected
LED red		
Electrical specifications		
Operating voltage		10 ... 30 V DC , ripple 10 % _{SS}
No-load supply current		≤ 50 mA
Input/Output		
Synchronization		bi-directional
		0 level -U _B ...+1 V
		1 level: +4 V...+U _B
		input impedance: > 12 KOhm
		synchronization pulse: ≥ 100 μs,
		synchronization interpulse period: ≥ 2 ms
Synchronization frequency		max. 30 Hz
	Common mode operation	≤ 30/n Hz, n = number of sensors
	Multiplex operation	
Output		
Output type		1 switching output E5, PNP NO/NC, programmable
Rated operating current		200 mA , short-circuit/overload protected
Default setting		Switch point A1: 90 mm , Switch point A2: 2000 mm , wide sound lobe
Voltage drop		≤ 2.5 V
Repeat accuracy		≤ 0.5 % of switching point
Switching frequency		≤ 2.7 Hz
Range hysteresis		1 % of the set operating distance
Temperature influence		± 1 % of full-scale value
Approvals and certificates		
UL approval		cULus Listed, General Purpose
CSA approval		cCSAus Listed, General Purpose
CCC approval		CCC approval / marking not required for products rated ≤36 V

Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications		
Connection type		Connector M12 x 1 , 5-pin
Degree of protection		IP54
Material		
	Housing	ABS
	Transducer	epoxy resin/hollow glass sphere mixture; foam polyurethane, cover PBT
Mass		140 g