

SBU12DI040KG/US



Measuring range	[l/min]	0.3...25
Process connection		G 1/2

Application	machine tools; Internal cooling of drill
Media	Liquids; water; glycol solutions; coolants
Medium temperature [°C]	0...60
Pressure rating [bar]	200
Pressure rating [MPa]	20

Operating voltage tolerance	[%]	-15...10
Operating voltage	[V]	24 DC; (to SELV/PELV)
Current consumption	[mA]	10
Protection class		III
Reverse polarity protection		yes

Output signal	analogue signal
Analogue voltage output [V]	0.5...10
Min. load resistance [Ω]	10000
Short-circuit protection	yes
Overload protection	yes



Flow transmitter with integrated backflow prevention

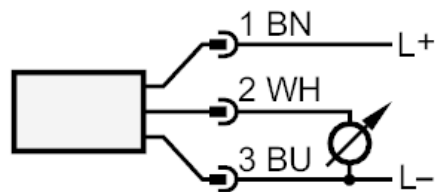
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Measuring/setting range		
Measuring range	[l/min]	0.3...25
Flow range	[l/min]	75
Accuracy / deviations		
Repeatability	[X16]	1
Measuring error	[X16]	± 5
Response times		
Response time	[s]	< 0.01
Operating conditions		
Ambient temperature	[°C]	0...60
Storage temperature	[°C]	-15...80
Protection		IP 65; IP 67
Tests / approvals		
EMC	DIN EN 61000-6-2	
	DIN EN 61000-6-3	
Shock resistance	DIN EN 60068-2-27	20 g (11 ms)
Vibration resistance	DIN EN 60068-2-6	5 g (10...2000 Hz)
MTTF	[ANN]	3004
Mechanical data		
Weight	[g]	740.5
Materials		aluminium anodised; PA
Materials (wetted parts)		stainless steel (316 / 1.4401); brass; aluminium anodised; PU; O-ring: FKM
Process connection		G 1/2
Switching cycles mechanical		10 million
Аксессуары		
Items supplied		Ущільнювальна заглушка
Remarks		
Remarks	Temperature changes slightly affect the specified standard settings for coolants.	
	For oils, the settings are influenced by temperature and viscosity.	
	Recommendation Use 200 micron filtration	
	All data refer to coolants (20 °C).	
Pack quantity		1 pcs.
Electrical connection		
Connector: 1 x M12; coding: A		

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Connection



colours to DIN EN 60947-5-2

Core colours :

BN = brown
BU = blue
WH = white

Diagrams and graphs

