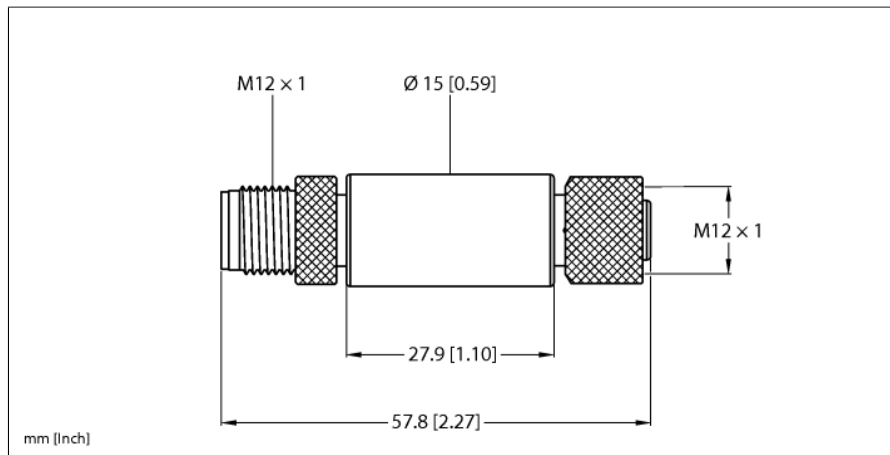


# Converter

## Analog Current to PFM Converter

### Current to PFM

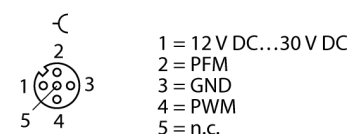
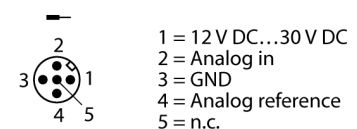
#### S15CM-PF-IQ



Type	S15CM-PF-IQ
ID	3810467
Electrical data	
Operating voltage $U_s$	18...30 VDC
Mechanical data	
Cascadable	No
Design	Cylindrical/Smooth, S15C
Dimensions	Ø 15 x 57.8 mm
Housing material	Plastic, PVC, Black
Electrical connection	Connector, M12 x 1
Ambient temperature	40...+70 °C
Protection class	IP67
Tests/approvals	
Shock resistance	15 g (11 ms)
Approvals	CE
	UKCA
	cULus

- Direct connection to an analog sensor due to compact design
- Operating voltage: 18...30 VDC
- Input: current, 4...20 mA
- Output: PFM, 100...600 Hz
- Protection class: IP67
- Status LEDs for signal strength and signal loss
- Operating voltage: 12...30 VDC
- Input: analog, 4...20 mA
- Output: PFM (Pulse Frequency Modulation)
- Converts the current signal into a 100...600 Hz PFM signal

#### Wiring Diagram



#### Functional principle

Sensors with digital or analog outputs and a serial interface can now be used to communicate via IO-Link and Modbus RTU to provide

the data required for predictive maintenance and operational optimization.

Components in the Snap Signal product series help to make the data from field devices accessible in the desired format. The S15C and R45C are suitable for in-line mounting and convert a large number of signals into IO-Link process data or Modbus registers. IO hubs and IO-Link masters in the R90C and R95C product series round off the range.

All components meet industry standards in terms of protection class, connection and durability.

They are easy to integrate into existing systems and the DXM network controller facilitates transferring the data to the control system or the cloud.