Converter
Analogue Current to PWM Converter
Current to PWM
S15CM-PW-IQ

mm [Inch]
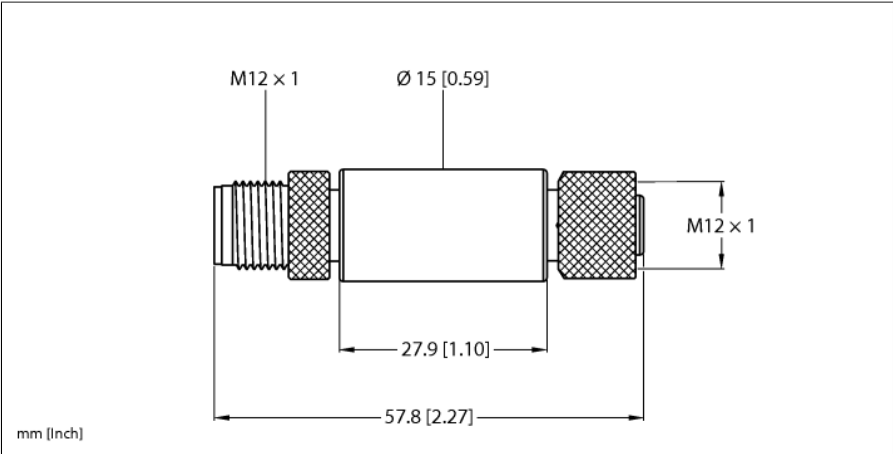
Type	S15CM-PW-IQ
ID	3810468

Electrical data	
Operating voltage U_B	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 × 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: PWM, 0…100 %
- Protection class: IP67
- Status LEDs for signal strength and signal loss
- Operating voltage: 12…30 VDC
- Input: analog, 4…20 mA
- Output: PWM (Pulse Width Modulation)
- Converts the current signal into a 0… 100 % PWM signal

Wiring Diagram

1 = 12 V DC…30 V DC
2 = Analog in
3 = GND
4 = Analog reference
5 = n.c.

1 = 12 V DC…30 V DC
2 = PFM
3 = GND
4 = PWM
5 = n.c.
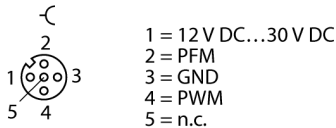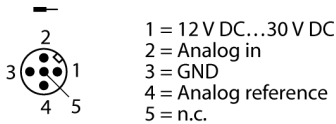
Functional principle

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.