

Interfaces and Connectors

Data and Power Interface	Gigabit Ethernet	Transfer Rate	1000 Mbits/sec
	Fast Ethernet	Transfer Rate	100 Mbits/sec
Connector: 8P8C Modular Jack (RJ45), screw lock type			
Assignment:	1 - MX1+	2 - MX1-	
	3 - MX2+	4 - MX3+	
Assignment:	5 - MX3-	6 - MX2-	
	7 - MX4+	8 - MX4-	
Process Interface	Connector:	M8/8-pin (SACC-DSI-M8MS-8CON-M8-L180)	
	Assignment:	1 - GPIO (Line2)	2 - Power Vcc
Assignment:	3 - IN1 (Line0)	4 - GND IN1	
	5 - Power VCC OUT	6 - OUT1 (Line3)	
Assignment:	7 - GND (Power, GPIO)	8 - GPIO (Line1)	

Caution



* Note GPIOs: Ground loops are to be avoided and can lead to destruction of the device.

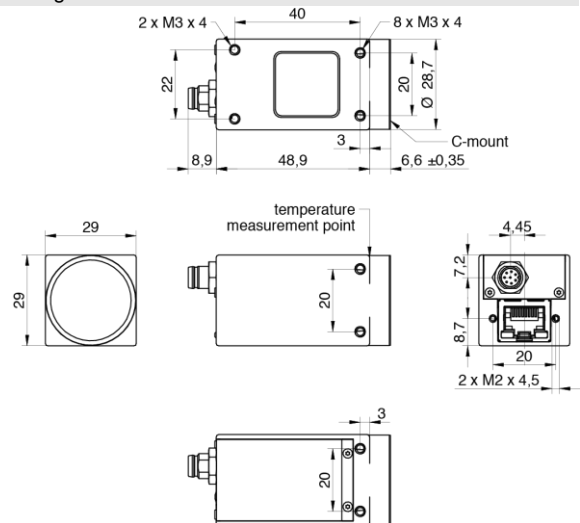
Optical Data

Lens Mount	C-Mount
Optical Filter	IR cut filter

Mechanical Data

Housing	Zinc die casting, baked varnish (until 02-2020 nickel-chrome-plated)
Protection Class	IP40 (with mounted lens and GigE cable)
Weight	120 g

Dimensions



Environmental Data

Storage Temperature	-10 °C ... +70 °C
Operating Temperature	0 °C ... +65 °C @ T = Measurement Point or 0 °C ... +75 °C @ internal Temperature Sensor
	Ambient temperature above 30 °C requires heat dissipation measures.
Int. Temperature Sensor	yes, accuracy: ±2 °C (typ) -40 °C ... 0 °C ±1 °C (typ) 0 °C ... +85 °C
Humidity	10 % ... 90 % non-condensing

⁷⁾ the maximum temperature for Sony sensor characteristics (sensor performance) are guaranteed up to 53°C @ Measurement Point or 60°C @ internal temperature sensor

LED Signalling

LED	LED 1	Green static	Link ON
		Green flash	RX active
LED 2		Yellow static	Error
		Yellow flash	TX active