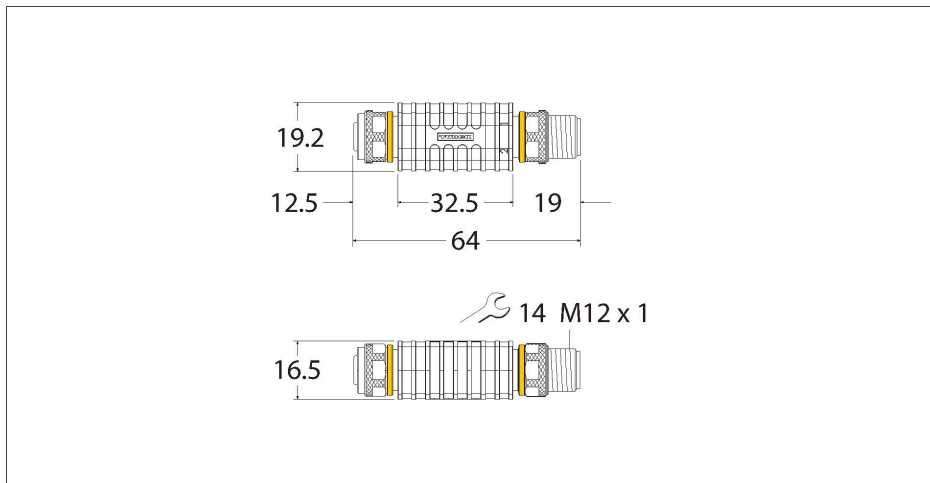


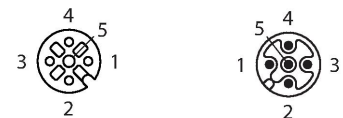
AD-FKM5-FSS5.556/YE

Accessories for Actuator/Sensor Cables – Adapter

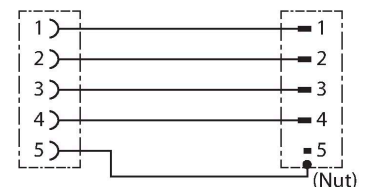


Features

Contact assignment



Circuit Diagram



Technical data

Type	AD-FKM5-FSS5.556/YE
ID no.	100000143
Connector A	Female, M12 × 1, Straight, A-coded
Number of Pins	5
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Tightening torque (range)	0.6 ... 0.8 Nm (observe max. torque of mating connector!)
Mechanical lifespan	> 100 Mating cycles
Type of protection	IP67, (screwed together)
Connector B	Male, M12 × 1, Straight, A-coded
Number of pins	5
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Tightening torque	0.6 ... 0.8 Nm (observe max. torque of mating connector!)
Mechanical lifespan	> 100 Mating cycles
Protection class	IP67, (screwed together)
Electrical properties at +20 °C	
Rated voltage	60 V
Current	4 A
Insulation resistance	≥ 10 ⁸ Ω

Technical data

forward resistance $\leq 5 \text{ m}\Omega$

Mechanical and chemical properties

Ambient temperature range (stationary) $-30 \text{ }^\circ\text{C} \dots +80 \text{ }^\circ\text{C}$
