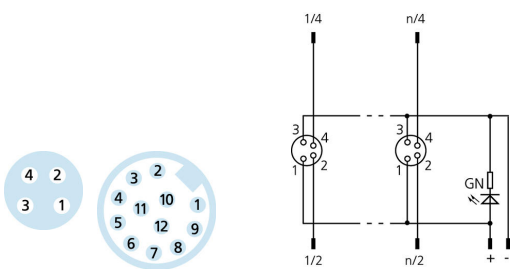
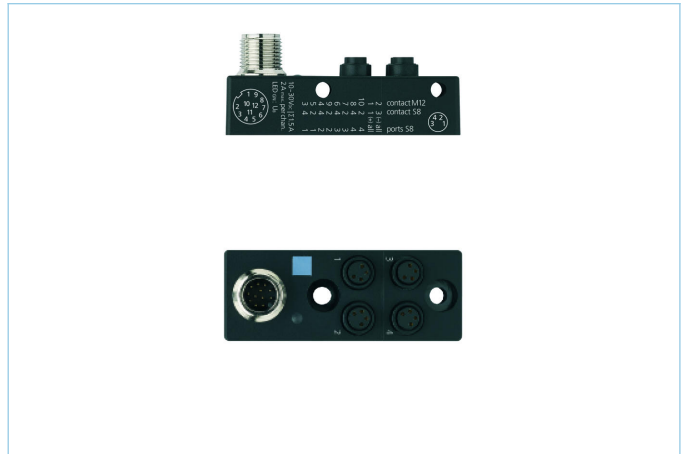
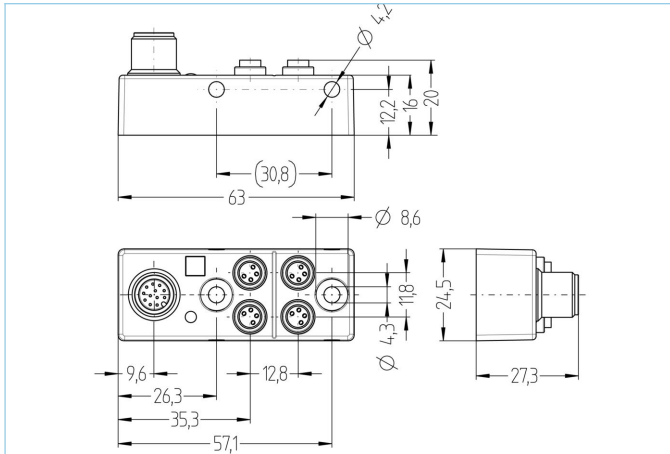


I/O-junctions passive, 4 ports, top contact, Ø8mm snap, female, 4 poles, M12, male, 12 poles



**Product data**

Item description	4I/OS8-4P1T
Item-No.	8062599
Customs tariff-No.	85366990
Step-File	4I_OS8-4P1T.stp
EAN	4047106148751

**Technical data**

I/O-junction	4-way, M12, with connecting plug
I/O-slot	female, 8 mm snap
Number of pins	4
Rated voltage	60V
Current load per pin (at 40°C)	2A
Total current load	1.5A
Insulation resistance	≥10 <sup>9</sup> Ω
Resistance	≤ 5mΩ
Ambient temperature product	-30°C...+90°C
Number of LEDs	1
Number of I/O-slots	4
Circuit logic	pnp
Operating voltage-indicator	LED GN
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, PA, BK
Sealing (female) material	FPM/FKM
Housing material	Plastic, PA, BK

Thread insert material	Metal, CuZn
Connecting type	Top
Standards	IEC 61076-2-104
Degree of protection (mounted)	IP65, IP67
Mechanical life-cycle	>100 mating cycles
Connecting plug	M12, 12 poles
Sealing material, connecting-plug	Plastic, FPM/FKM
Receptacle housing material, connecting-plug	Metal, CuZn, nickel-plated
Contact material, connecting-plug	Metal, CuZn, gold-plated
Contact-carrier material, connecting-plug	Plastic, PA, BK
Mechanical life-cycle, connecting-plug	>100 mating cycles
Number of pins, connecting-plug	12
Degree of protection, connecting-plug (mounted)	IP65, IP67
Degree of pollution	3/2

#### Allocation chart

IO	1		2		3		4		all (+)	all (-)
Pin	2	4	2	4	2	4	2	4	1	3
M12	5	3	9	4	7	6	10	8	1	2
Cable Accessories	PK	WH	RD	GN	BK	YE	VT	GY	BN	BU

#### Classification

eCl@ss 6.0	27279219
eCl@ss 7.0	27279219
eCl@ss 8.0	27279219
eCl@ss 9.0	27440108
ETIM 5.0	EC002585
ETIM 6.0	EC002585

#### Accessories

Single-ended cordset, Automation Line, M12  
<https://www.escha.net/en/products/standard/sensoractuator-connectors/8046920>

Single-ended cordset, Automation Line, M12  
<https://www.escha.net/en/products/standard/sensoractuator-connectors/8046924>

#### Link to product

<https://www.escha.net/en/products/standard/fo-junctions/8062599>