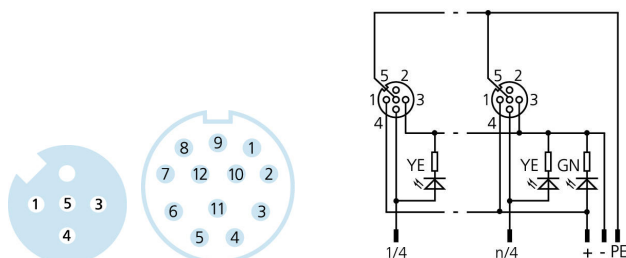
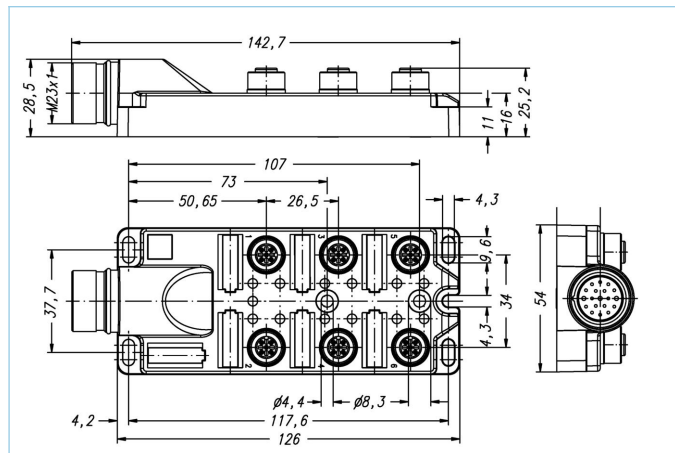


I/O-junction passive, M12, Front



Product data

Item description	6I/OM12-5.4P2F
Item-No.	8048788
Customs tariff-No.	85366990
Step-File	6I_OM12-5_4P2Fstp
EAN	4047106008680

Technical data

I/O-junction	6-way, with connecting plug, M23
I/O-slot	female, M12
Number of pins	3+PE
Coding	A
Rated voltage	30V
Current load (at 40°C)	2A
Total current load	12A
Insulation resistance	$\geq 10^8 \Omega$
Resistance	$\leq 5 m\Omega$
Ambient temperature product	-30°C...+90°C
Number of LEDs	7
Number of I/O-slots	6
Circuit logic	pnp
Signal status-indicator	LED YE
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
Connecting type	Front

Thread insert material	Metal, CuZn
Standards	IEC 61076-2-101
Degree of protection (mounted)	IP65, IP67
Mechanical life-cycle	>100 mating cycles
Connecting plug	M23x1, 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

Allocation chart

I/O	1	2	3	4	5	6	all (+)	all (-)	all (-)	all (FE)
Pin	4	4	4	4	4	4	1	3	3	5
M23	1	2	3	4	5	6	11	9	10	12
Cable (12.003) Accessories	WH	GN	YE	GY	PK	RD	BN		BU	GNYE

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

Screw plug, M12

<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8000004/Screw-plug-M12-female-black>

Labels, I/O-junction passive, I/O-junction logic

<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8015002/Labels-M12-I/O-junctions>

Single-ended cordset, M23

<https://www.escha.net/en/Products/Standard/SensorActuator-connectors/8026041/M23-female-straight-12-poles>

Single-ended cordset, M23

<https://www.escha.net/en/Products/Standard/SensorActuator-connectors/8026050/M23-female-angled-12-poles>

Field-wireable connector , M23, Soldering contact

<https://www.escha.net/en/Products/Standard/Field-wireable-connectors/8013694/M23-female-straight-field-wireable-12-poles-soldering-contact-150V>

Field-wireable connector , M23, Soldering contact

<https://www.escha.net/en/Products/Standard/Field-wireable-connectors/8017153/M23-female-angled-field-wireable-12-poles-soldering-contact-150V>

Accessories set, I/O-junction logic, M8

<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8087215/Accessory-set-M12-I/O-junctions-labels-screw-plug>