



YM2A18-000S01FY2A8

Y- and T-splitters

CONNECTORS AND CABLES

SICK
Sensor Intelligence.



Ordering information

Type	part no.
YM2A18-000S01FY2A8	2103333

Other models and accessories → www.sick.com/Y_and_T-splitters

Detailed technical data

Technical specifications

Connection type head A	Male connector, M12, 8-pin, A-coded
Connection type head B	Female connector, M12, 6-pin, A-coded
Connection type head C	Female connector, M12, 2-pin, A-coded
Locking plug connector	Screw connection
Connector material head A	TPU
Connector material head C	TPU
Locking nut material	Zinc die-cast, nickel-plated
Width across flats	13
Tightening torque	0.6 Nm
Shielding, head	Unshielded
Shielding	Unshielded
Reference voltage	≤ 60 V DC
Rated impulse voltage	0.8 kV
Current loading	2 A
Insulation resistance	100 MΩ
Contamination rating	3
Overshoot category	III
Specific insulation resistance	30 mΩ
Enclosure rating	IP65 / IP66K / IP67
Operating temperature	-25 °C ... +85 °C
Head	
UL File No.	E335179
Authorizations	CE UL

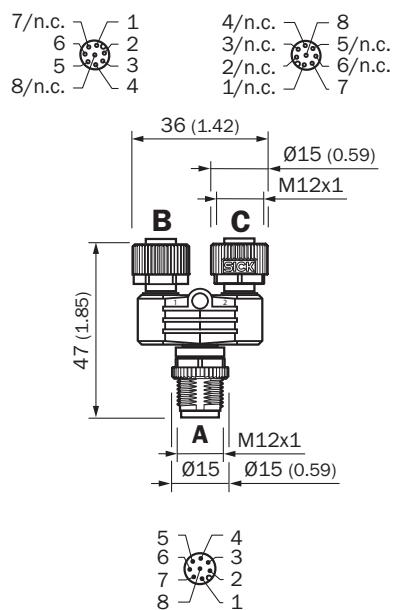
Certificates

EU declaration of conformity	✓
UK declaration of conformity	✓
China-RoHS	✓
cULus certificate	✓

Classifications

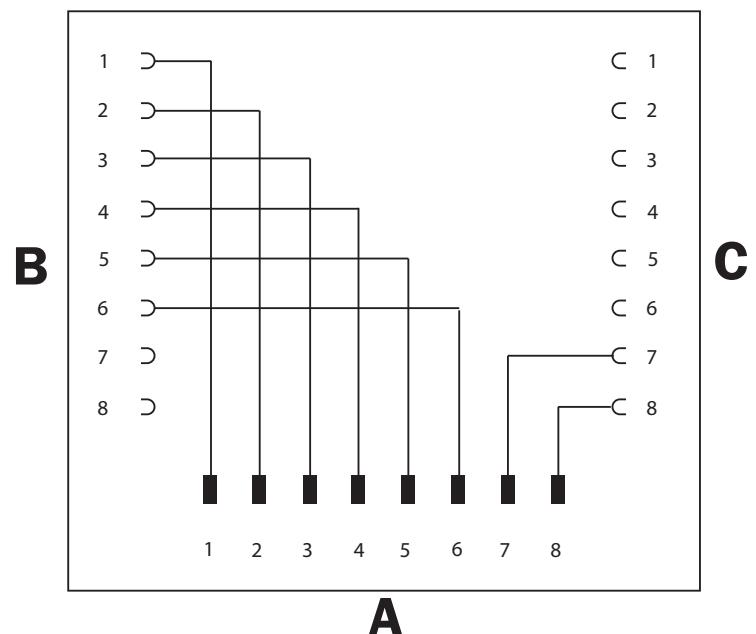
ECLASS 5.0	27279201
ECLASS 5.1.4	27279201
ECLASS 6.0	27279201
ECLASS 6.2	27279201
ECLASS 7.0	27279201
ECLASS 8.0	27279201
ECLASS 8.1	27279201
ECLASS 9.0	27440108
ECLASS 10.0	27440108
ECLASS 11.0	27440108
ECLASS 12.0	27440108
ETIM 5.0	EC002585
ETIM 6.0	EC002585
ETIM 7.0	EC002585
ETIM 8.0	EC002585
UNSPSC 16.0901	31163032

Dimensional drawing



Dimensions in mm (inch)

Connection diagram



SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

WORLDWIDE PRESENCE:

Contacts and other locations www.sick.com