
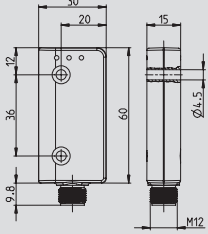

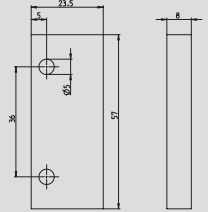

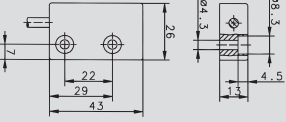

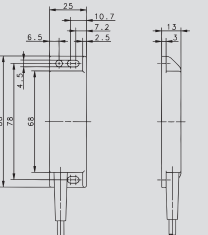

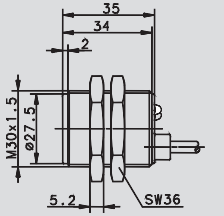

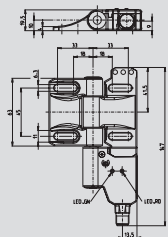

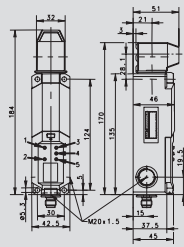

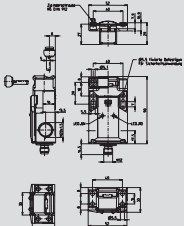

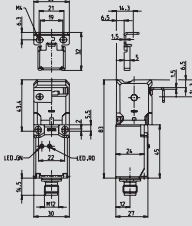

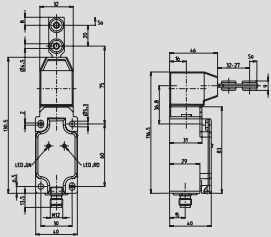


# AS Interface – Safety at Work

## AS-i Slaves


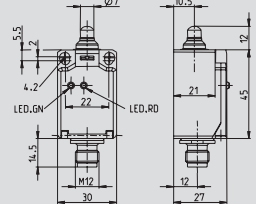

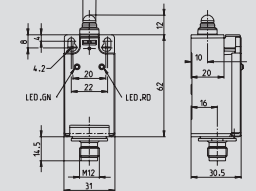

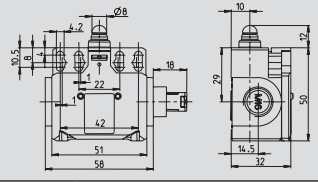

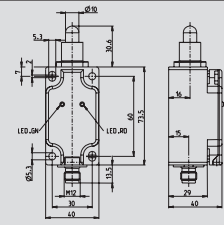

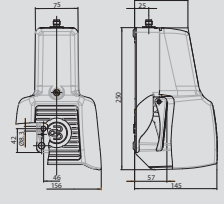

Contactless safety sensors		
Magnetic technology	Type 4 according to ISO 14119	
	<p><b>CSMS Reed</b></p> <p><b>6073200071</b> AS-i CSMS-R-M-ST  <b>6073200072</b> AS-i CSMS-R-S  <b>6073200077</b> AS-i CSMS-R-SET</p>	<ul style="list-style-type: none"> <li>● Sicherheits-Slave</li> <li>● Low coded according to ISO 14119</li> <li>● Schaltzustandsanzeige</li> <li>● AS-i Status Anzeige</li> <li>● Verdeckter Einbau möglich</li> <li>● Unempfindlich gegen Verschmutzung</li> <li>● Hohe Lebensdauer, da kein mechanischer Verschleiß</li> <li>● M12 Anschluss</li> </ul> 
	<p><b>Spacer (CSMS Accessories)</b></p> <p><b>6073900070</b> CSMS Spacer 8 mm  <b>6073900090</b> CSMS Spacer ITEM 8 mm</p>	<ul style="list-style-type: none"> <li>● Spacer 8 mm</li> <li>● Material: Plexiglas GS colourless</li> <li>● For installing the CSMS on metal bases</li> </ul> 
	<p><b>MAK 52</b></p> <p>Sensor  <b>6073200068</b> AS-i MAK 52</p> <p>Actuator  <b>6402052307</b> TK-52-CD/2</p>	<ul style="list-style-type: none"> <li>● Safety slave</li> <li>● Low coded according to ISO 14119</li> <li>● Switching status indicator</li> <li>● AS-i status display</li> <li>● Suitable for concealed installation</li> <li>● Suitable for harsh environments</li> <li>● Non-contact operation gives superior life expectancy</li> </ul> 
	<p><b>MAK 42</b></p> <p>Sensor  <b>6073200067</b> AS-i MAK 42</p> <p>Actuator  <b>6402042053</b> TK-42-CD/2</p>	<ul style="list-style-type: none"> <li>● Safety slave</li> <li>● Low coded according to ISO 14119</li> <li>● Switching status indicator</li> <li>● AS-i status display</li> <li>● Suitable for concealed installation</li> <li>● Suitable for harsh environments</li> <li>● Non-contact operation gives superior life expectancy</li> </ul> 
	<p><b>MAK 53</b></p> <p>Sensor  <b>6073200091</b> AS-i MAK 53  <b>6073200092</b> AS-i MAK 53 ST</p> <p>Actuator  <b>6402043064</b> TK-43-CD/2 (plastic)  <b>6408043065</b> TN-43-CD/2 (stainless steel)</p>	<ul style="list-style-type: none"> <li>● Safety slave</li> <li>● Low coded according to ISO 14119</li> <li>● Switching status indicator</li> <li>● AS-i status display</li> <li>● Suitable for concealed installation</li> <li>● Suitable for harsh environments</li> <li>● Non-contact operation gives superior life expectancy</li> </ul> 

## AS-i Slaves

Safety Hinge Switch	Type 1 according to ISO 14119
 <p><b>SHS3</b></p> <p>Stainless steel hinge:  <b>6073200011</b> AS-i SHS3 SA R  <b>6073200013</b> AS-i SHS3 SR R</p> <p>Die-cast zinc hinge:  <b>6073200081</b> AS-i SHS3Z SA R  <b>6073200082</b> AS-i SHS3Z SR R</p>	<ul style="list-style-type: none"> <li>● Safety slave</li> <li>● Hinge Switch</li> <li>● AS-i status display</li> <li>● Switching point freely adjustable by user over a range of 270°</li> <li>● Fine adjustment +/- 1,5°</li> <li>● Freely and repeatedly adjustable switching point</li> <li>● Stainless steel or die-cast zinc hinge</li> </ul> 
Safety interlock (without actuator)	Type 2 according to ISO 14119
 <p><b>SLK</b></p> <p>Locking principle Spring force  <b>6073200058</b> AS-i SLK-F-R1-A0-0</p> <p>Locking principle Magnetic force  <b>6073200057</b> AS-i SLK-M-R0-A0-0</p>	<ul style="list-style-type: none"> <li>● Safety slave</li> <li>● Low coded according to ISO 14119</li> <li>● Interlock switch for safety doors and protective hoods</li> <li>● Spring force (closed-circuit current) type F and magnetic force (working current) type M</li> <li>● Status display for the actuating and interlock position</li> <li>● The status LEDs could alternatively be switched by the control system</li> <li>● AS-i status display</li> <li>● Feed-in of the interlock by external power supply system</li> </ul> 
Safety switch with separate actuator	Type 2 according to ISO 14119
 <p><b>SK</b></p> <p><b>6073205050</b> AS-i SK F30 M  <b>6073205028</b> AS-i SK M  <b>6073205039</b> AS-i SK M D</p>	<ul style="list-style-type: none"> <li>● Safety slave</li> <li>● Low coded according to ISO 14119</li> <li>● Safety switch with separate actuator</li> <li>● AS-i status display</li> <li>● Plastic housing</li> <li>● Variable actuator with two actuator openings</li> </ul> 
 <p><b>SKT</b></p> <p><b>6073200006</b> AS-i SKT  <b>6073200029</b> AS-i SKT D</p>	<ul style="list-style-type: none"> <li>● Safety slave</li> <li>● Low coded according to ISO 14119</li> <li>● Safety switch with separate actuator</li> <li>● Slim and short switch design</li> <li>● AS-i status display</li> <li>● Plastic housing</li> <li>● Rotary head in 90° steps</li> <li>● 2 actuating entries</li> </ul> 
 <p><b>ENK VTU</b></p> <p><b>6073504025</b> AS-i ENK VTU  <b>6073504038</b> AS-i ENK VTU D</p>	<ul style="list-style-type: none"> <li>● Safety slave</li> <li>● Low coded according to ISO 14119</li> <li>● Safety switch with separate actuator</li> <li>● Especially robust switch design</li> <li>● AS-i status display</li> <li>● Plastic housing</li> <li>● Rotary head in 90° steps</li> </ul> 

# AS Interface – Safety at Work

## AS-i Slaves

Position safety switches		Type 1 according to ISO 14119
	<p><b>Ti2</b></p> <p><b>6073403020</b> AS-i Ti2 Hw  <b>6073403035</b> AS-i Ti2 Hw D  <b>6073402019</b> AS-i Ti2 Riw  <b>6073402034</b> AS-i Ti2 Riw D  <b>6073401018</b> AS-i Ti2 w  <b>6073401033</b> AS-i Ti2 w D</p>	<ul style="list-style-type: none"> <li>● Safety slave</li> <li>● Smallest switch with integrated AS Safety at Work interface</li> <li>● AS-i status display</li> <li>● Betätiger des Standardprogramms erhältlich</li> <li>● Plastic housing</li> <li>● Fixing measures according to DIN EN 50047</li> </ul> 
	<p><b>I88</b></p> <p><b>6073303017</b> AS-i I88 Hw  <b>6073303032</b> AS-i I88 Hw D  <b>6073302016</b> AS-i I88 RiwK  <b>6073302031</b> AS-i I88 RiwK D  <b>6073301015</b> AS-i I88 w  <b>6073301030</b> AS-i I88 w D</p>	<ul style="list-style-type: none"> <li>● Safety slave</li> <li>● Switch design according to industry standard DIN EN 50047</li> <li>● AS-i status display</li> <li>● Actuator of the standard program available</li> <li>● Plastic housing</li> </ul> 
	<p><b>Bi2</b></p> <p><b>6073201052</b> AS-i Bi2 w  <b>6073201051</b> AS-i Bi2 w D</p>	<ul style="list-style-type: none"> <li>● Safety slave</li> <li>● Side-positioned M12 connection</li> <li>● AS-i status display</li> <li>● Actuator of the standard program available</li> <li>● Plastic housing</li> </ul> 
	<p><b>ENK</b></p> <p><b>6073501023</b> AS-i ENK iw  <b>6073501036</b> AS-i ENK iw D  <b>6073502024</b> AS-i ENK Riw  <b>6073502037</b> AS-i ENK Riw D</p>	<ul style="list-style-type: none"> <li>● Safety slave</li> <li>● AS-i status display</li> <li>● Actuator of the standard program available</li> <li>● Especially robust switch design</li> <li>● Fixing measures according to DIN EN 50041</li> </ul> 
Foot switches		
	<p><b>F1</b></p> <p><b>6073700076</b> AS-i F1 UN</p>	<ul style="list-style-type: none"> <li>● Safety slave</li> <li>● Protective shroud UN</li> <li>● M12 connection</li> <li>● Other types on request</li> </ul> 
	<p><b>F1 (enabling function)</b></p> <p><b>6073700085</b> F1-ASI-ZSD UN  <b>6073700086</b> F1-ASI-ZSDR UN</p>	<ul style="list-style-type: none"> <li>● Safety slave</li> <li>● Enabling function</li> <li>● Pressure point D</li> <li>● Latching R (optional)</li> <li>● Protective shroud UN</li> <li>● M12 connection</li> <li>● Other types on request</li> </ul> 